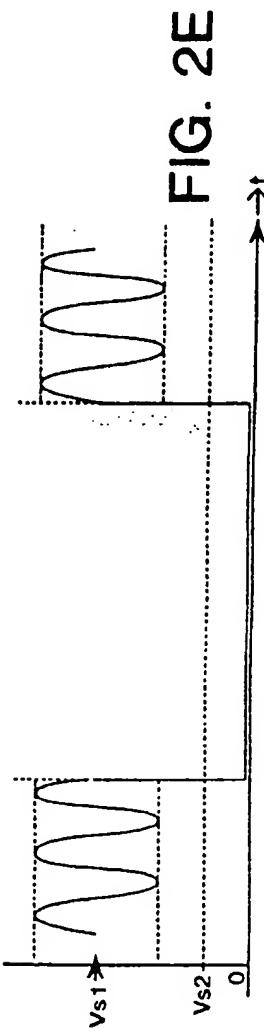
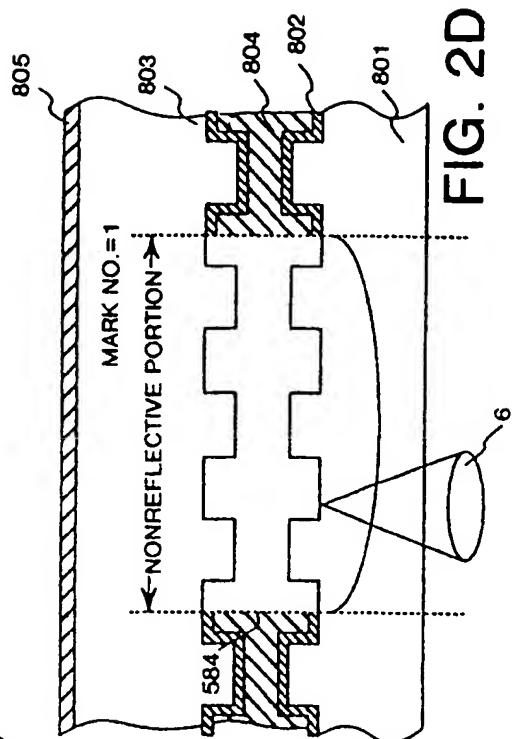
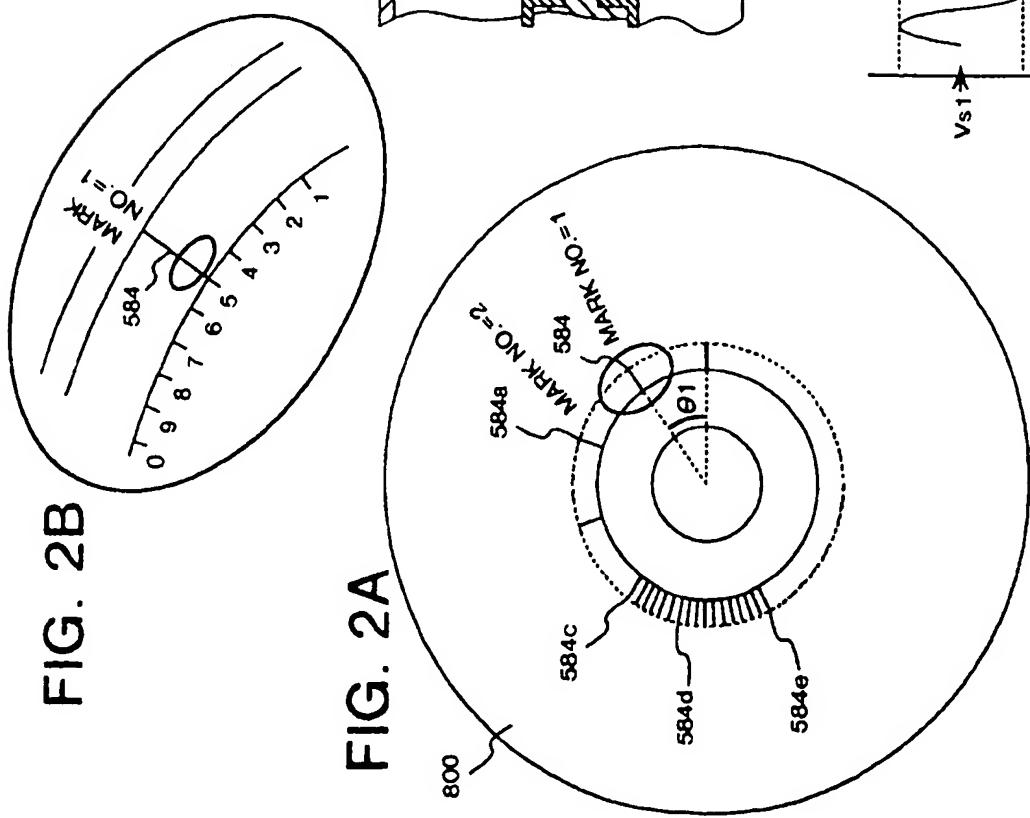


FIG. 1



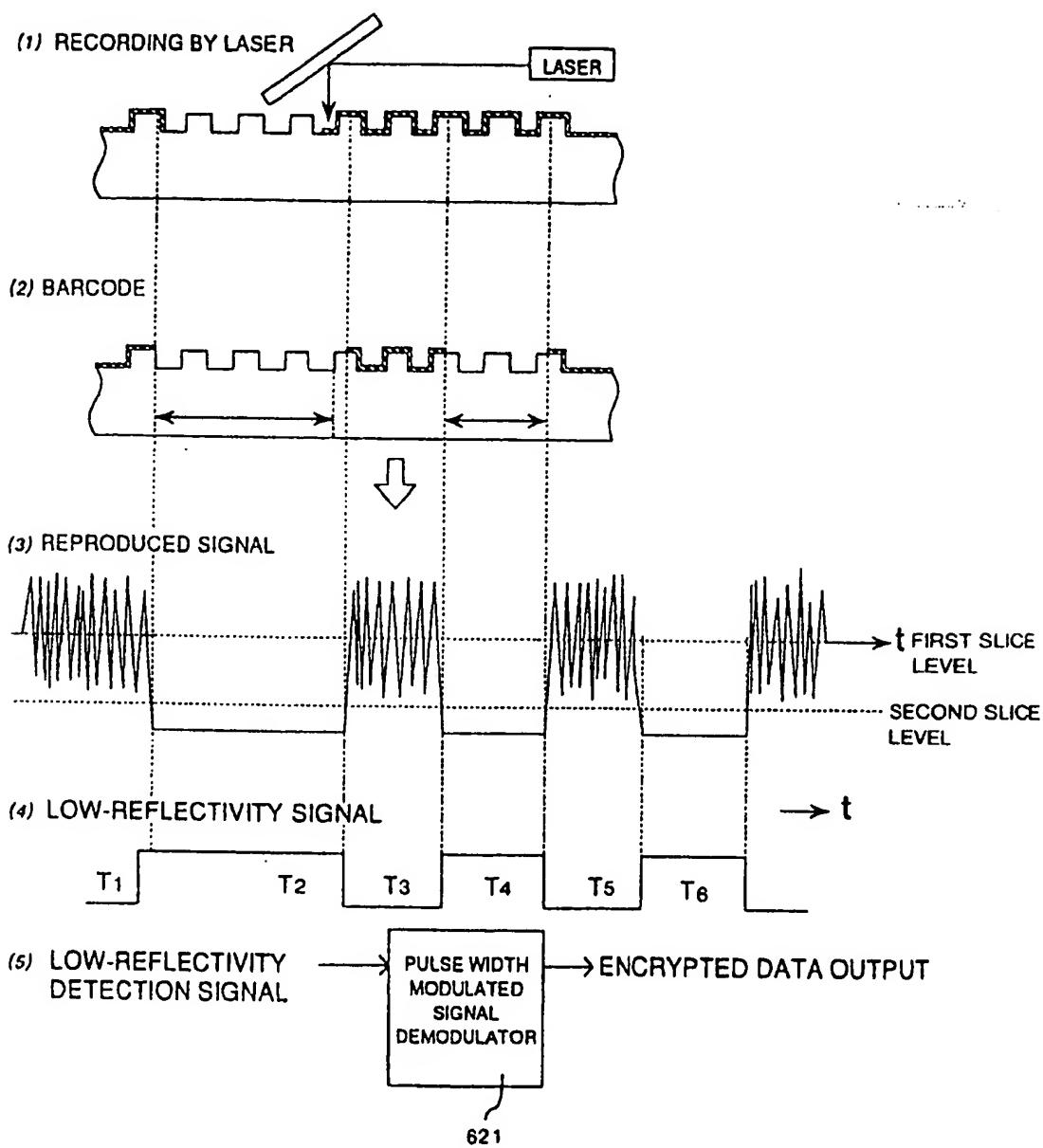


FIG. 3

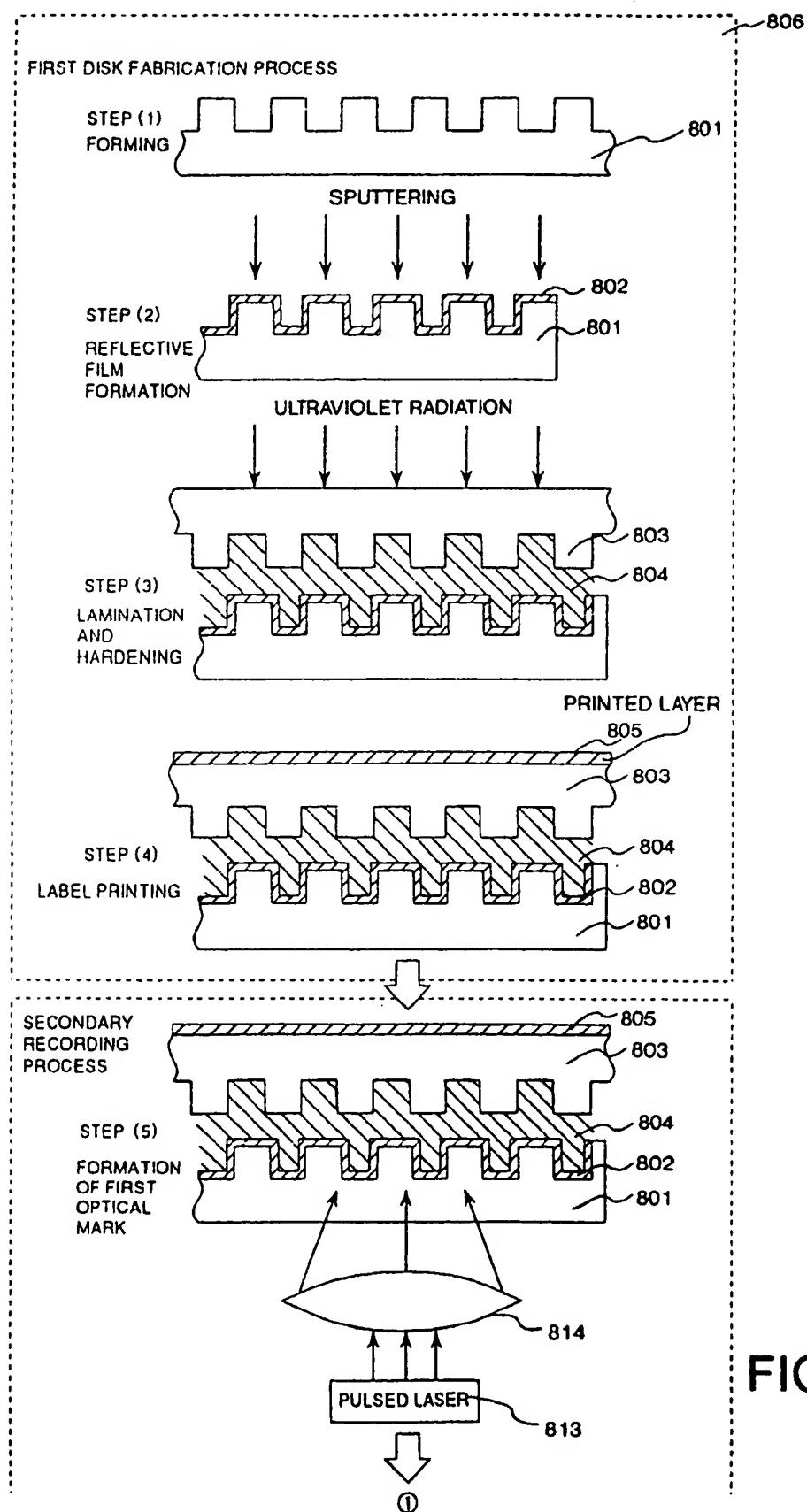
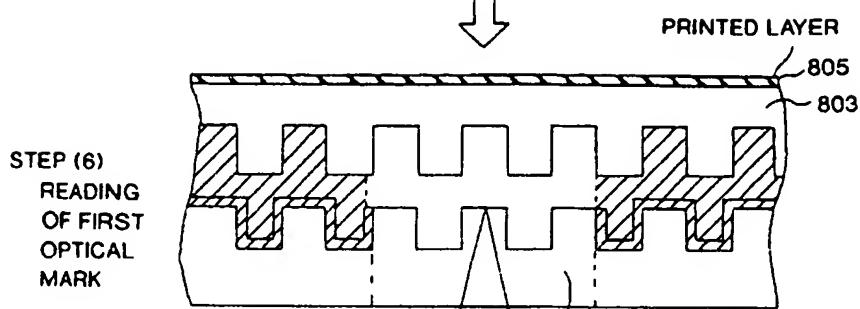


FIG. 5



STEP (6)  
READING  
OF FIRST  
OPTICAL  
MARK

815

PRINTED LAYER

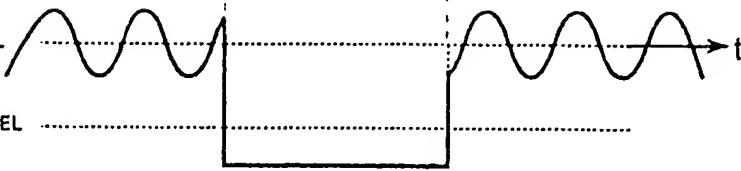
805

803

STEP (7)  
WAVEFORM (A)

FIRST SLICE LEVEL

SECOND SLICE LEVEL



WAVEFORM (B)

MARKING  
DETECTION  
SIGNAL

0

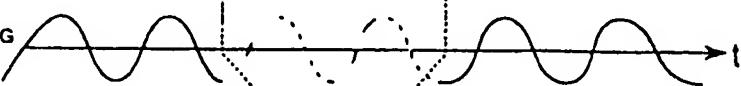
1

0

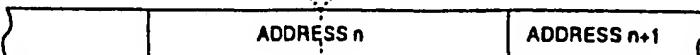


SIGNAL (c)

SYNCHRONIZING  
REPRODUCED  
CLOCK



SIGNAL (d)



SIGNAL (e)



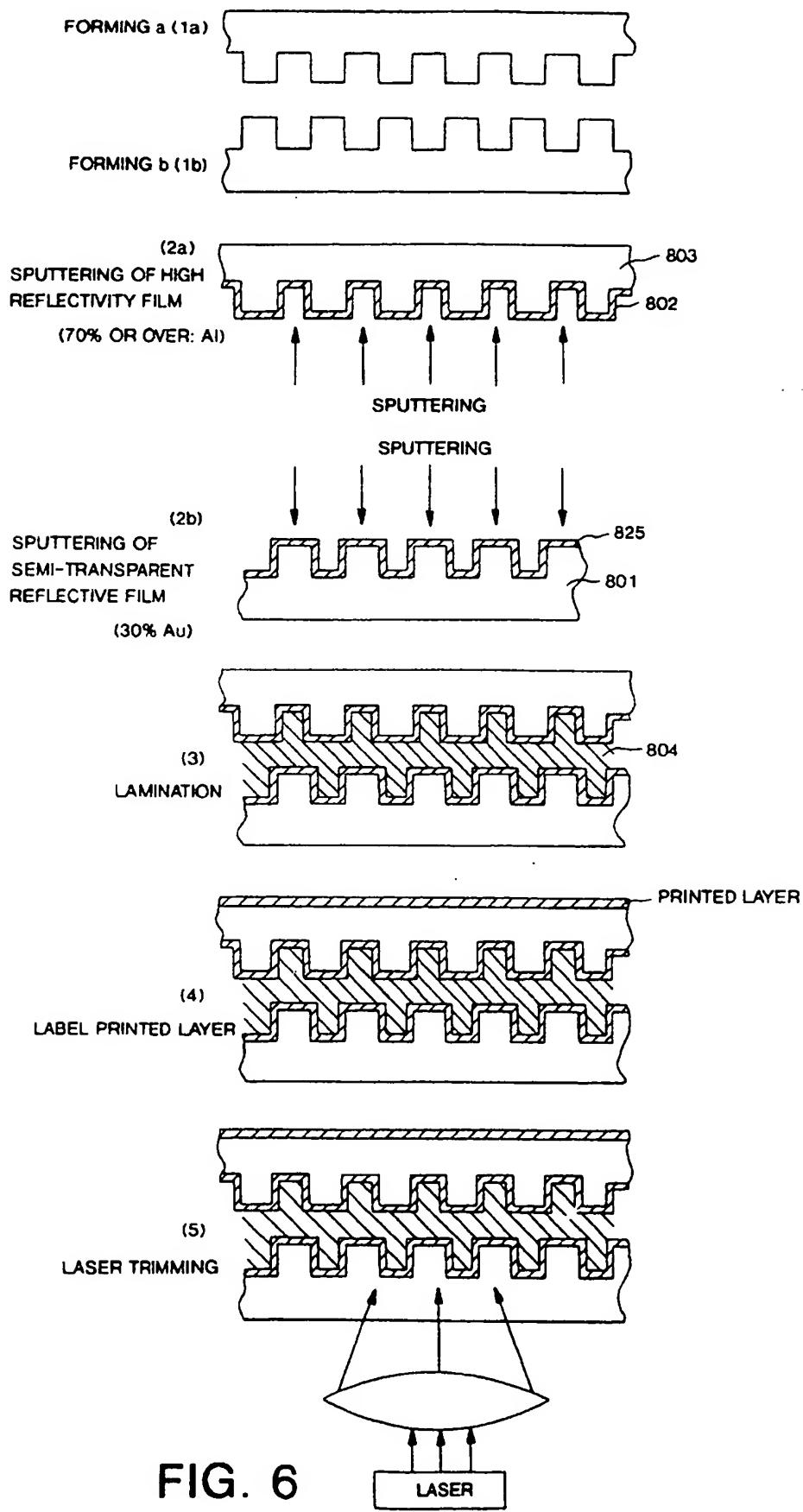


FIG. 6

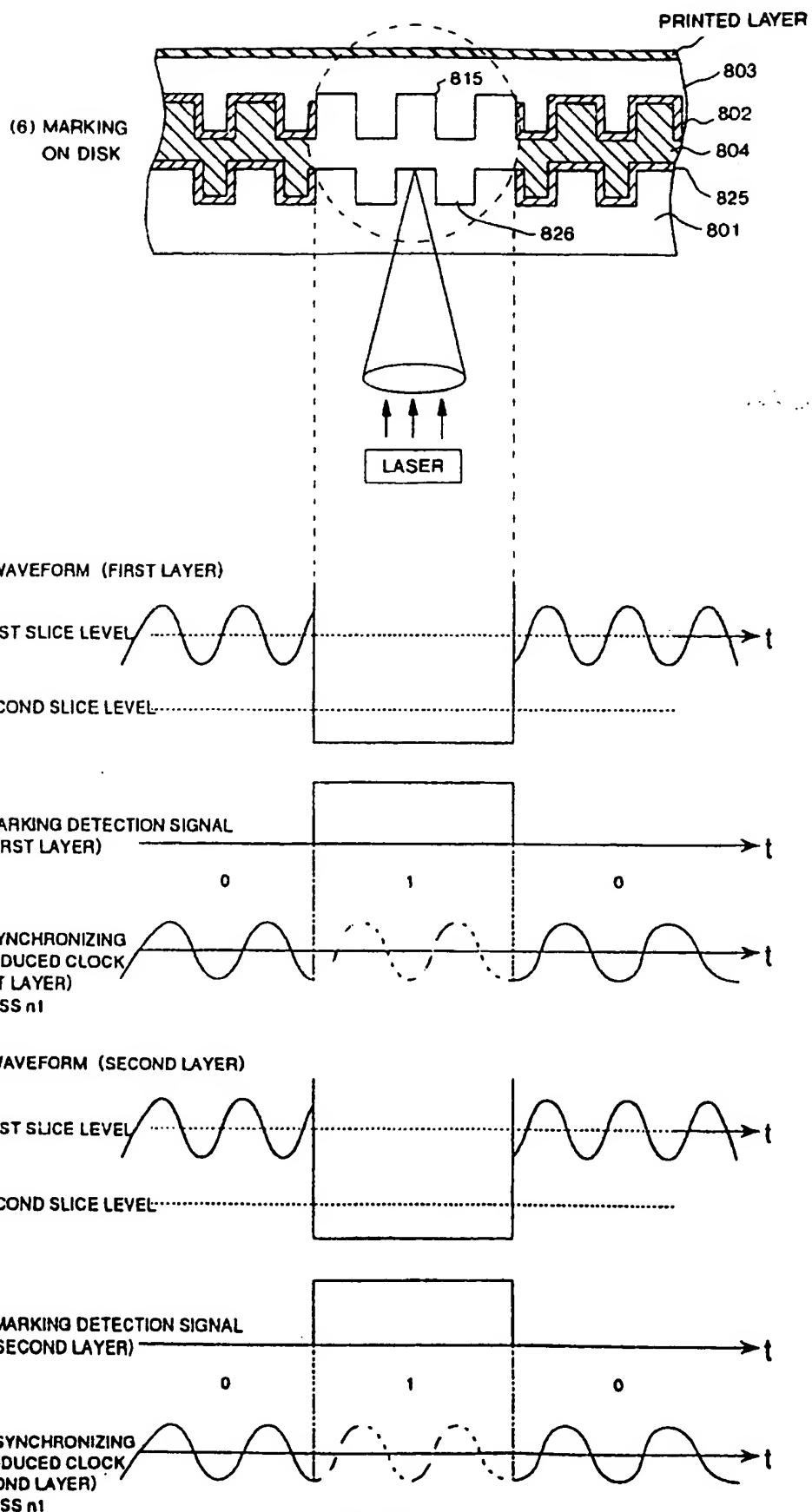


FIG. 7

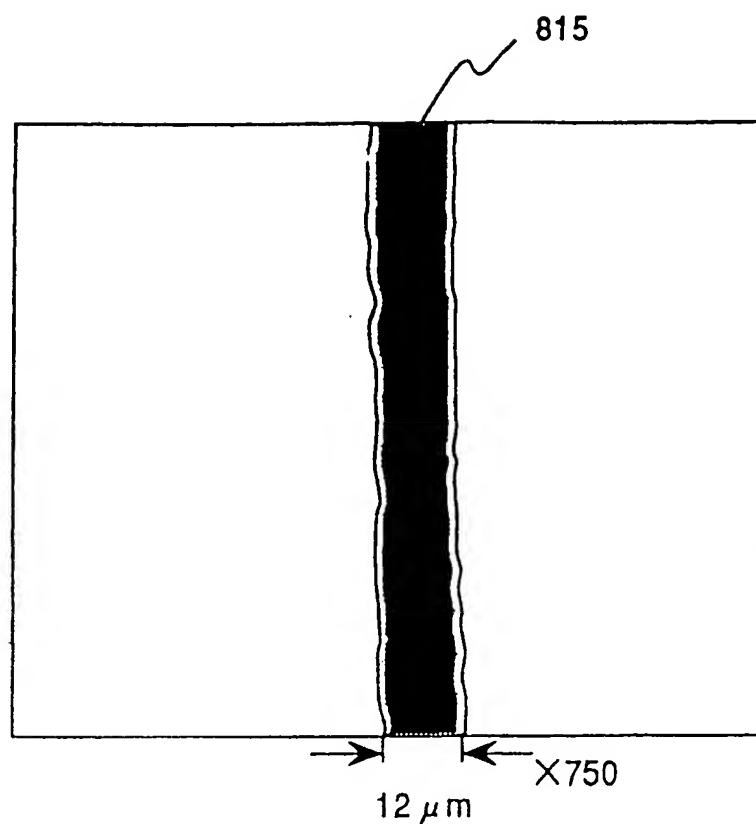


FIG. 8A

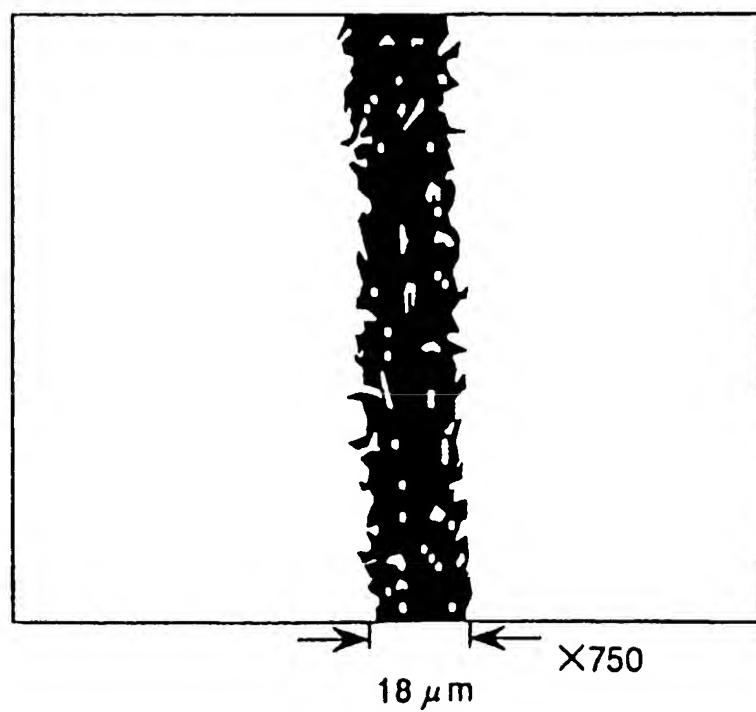
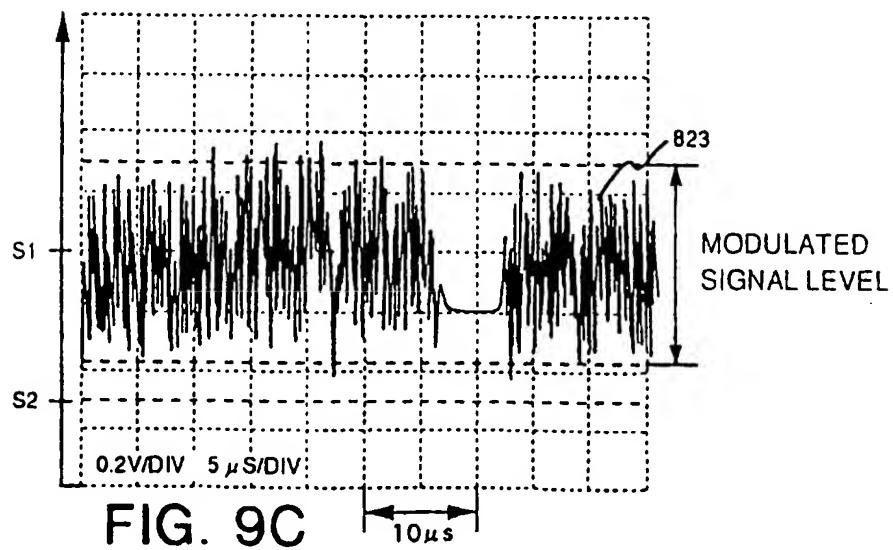
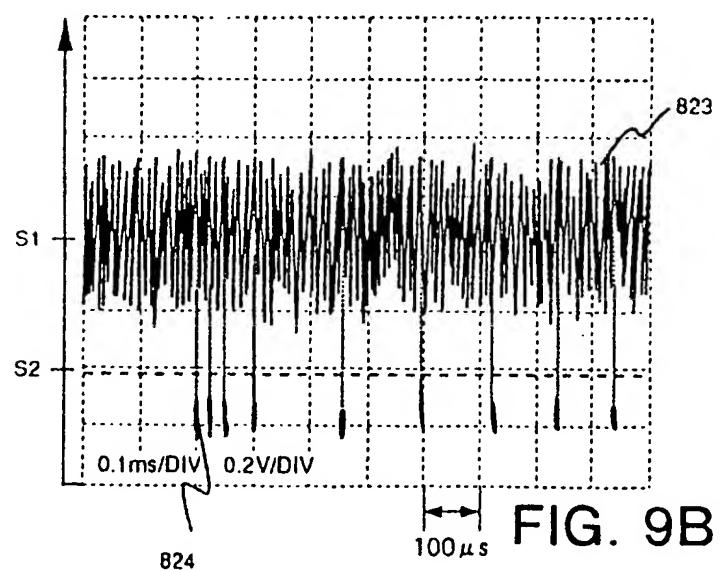
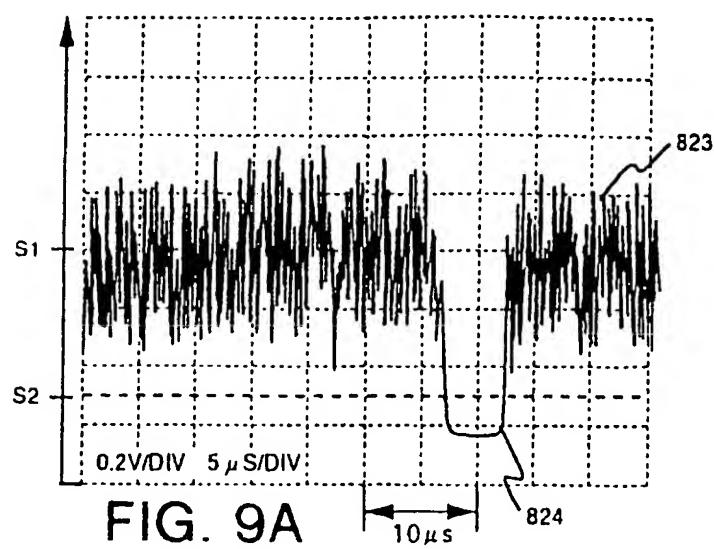


FIG. 8B



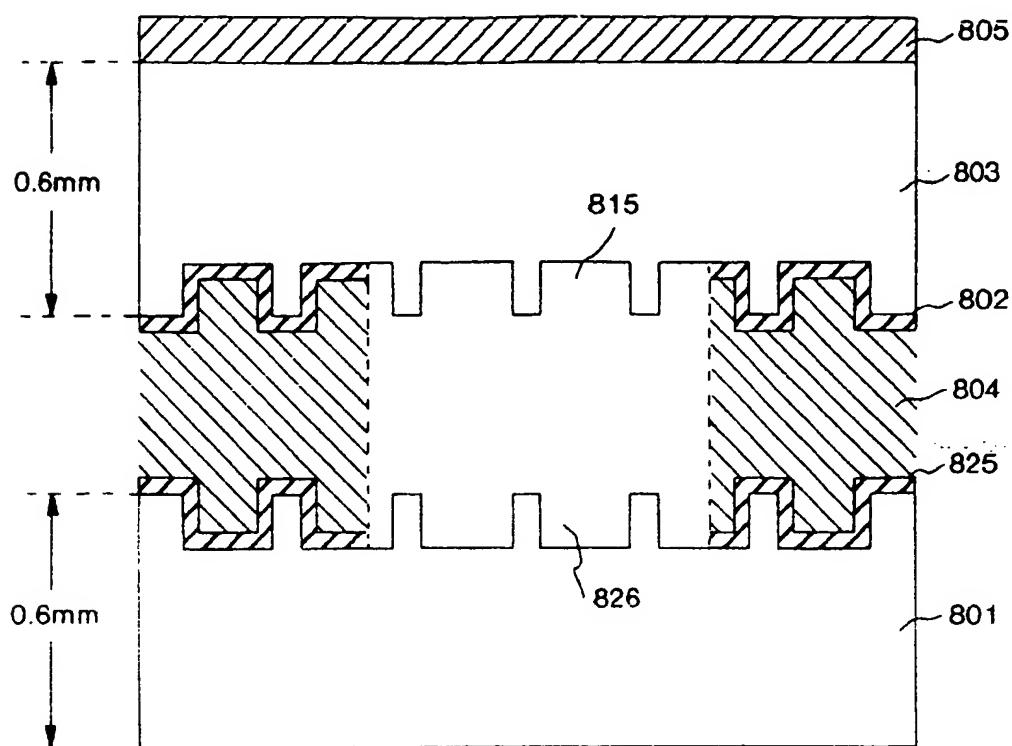


FIG. 10A

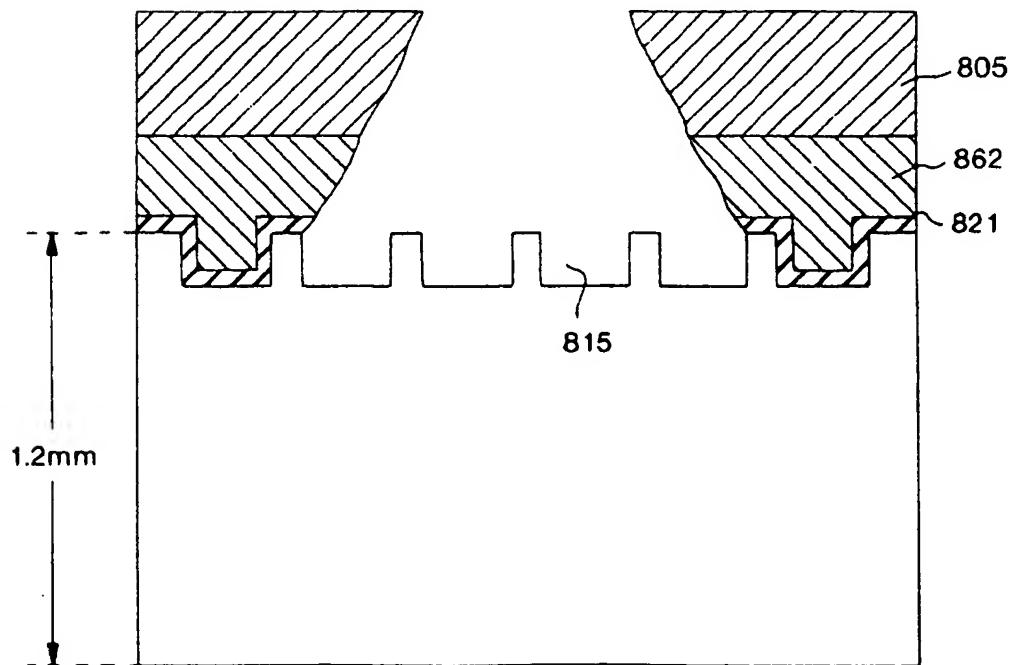


FIG. 10B

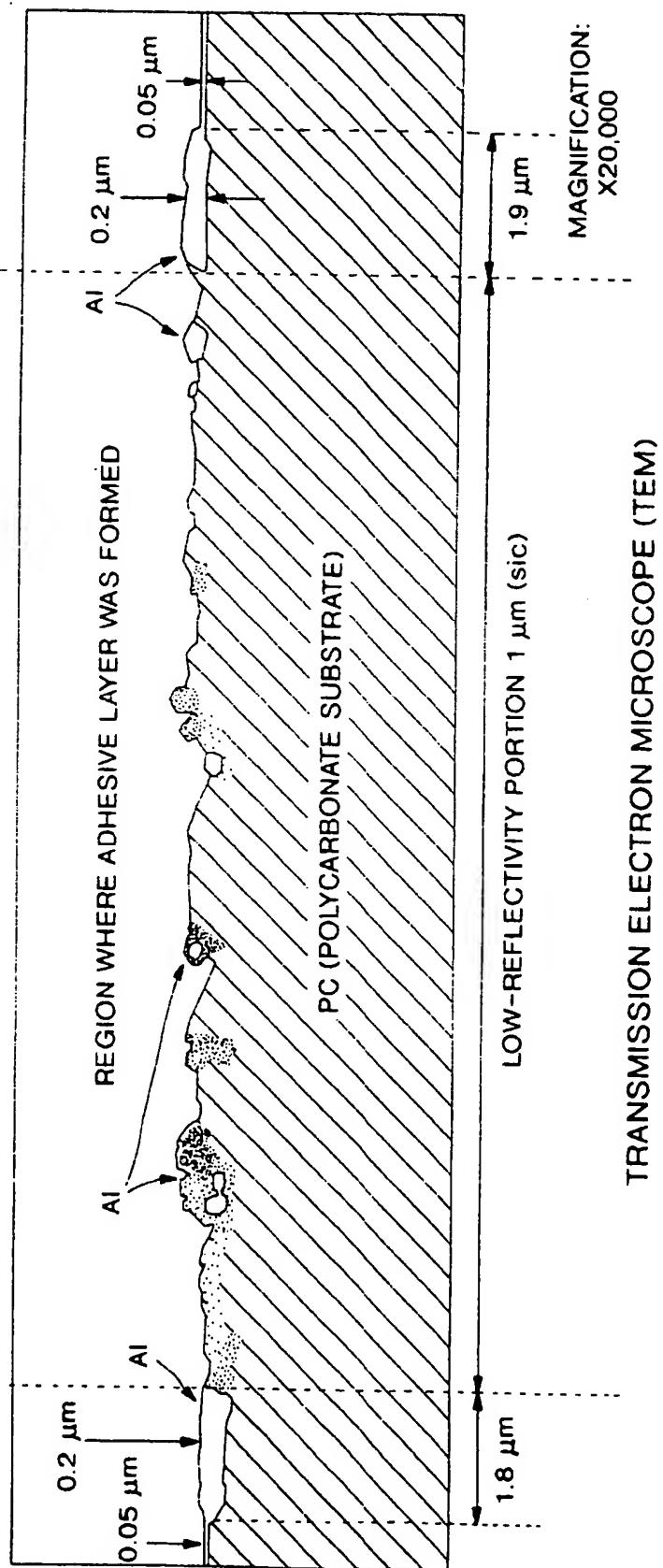


FIG. 11

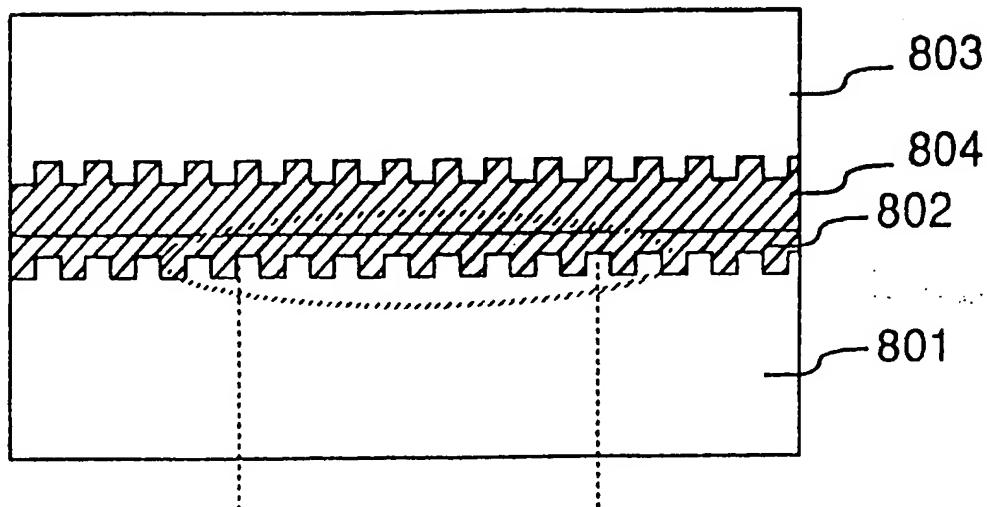


FIG. 12A

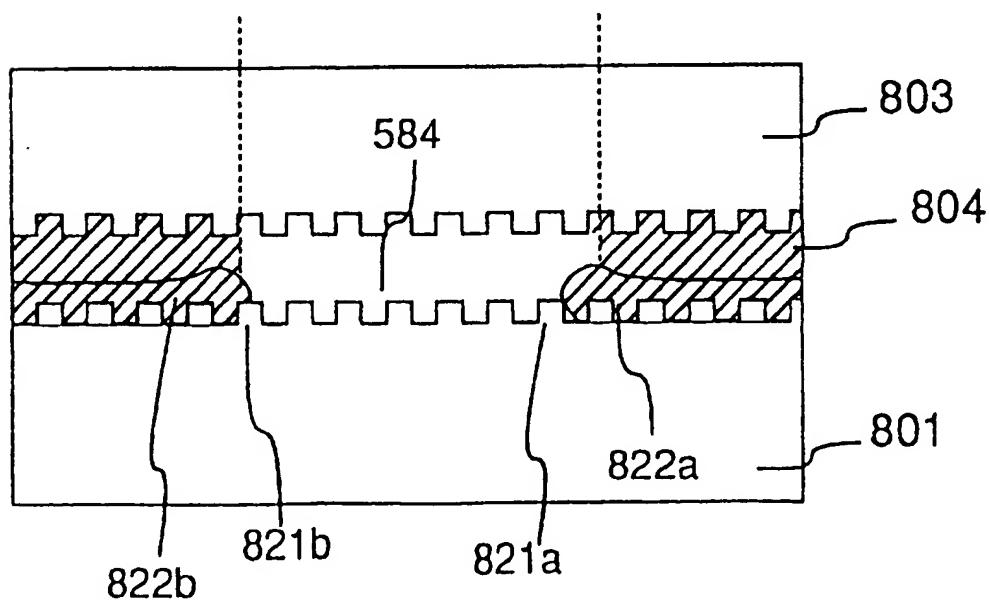


FIG. 12B

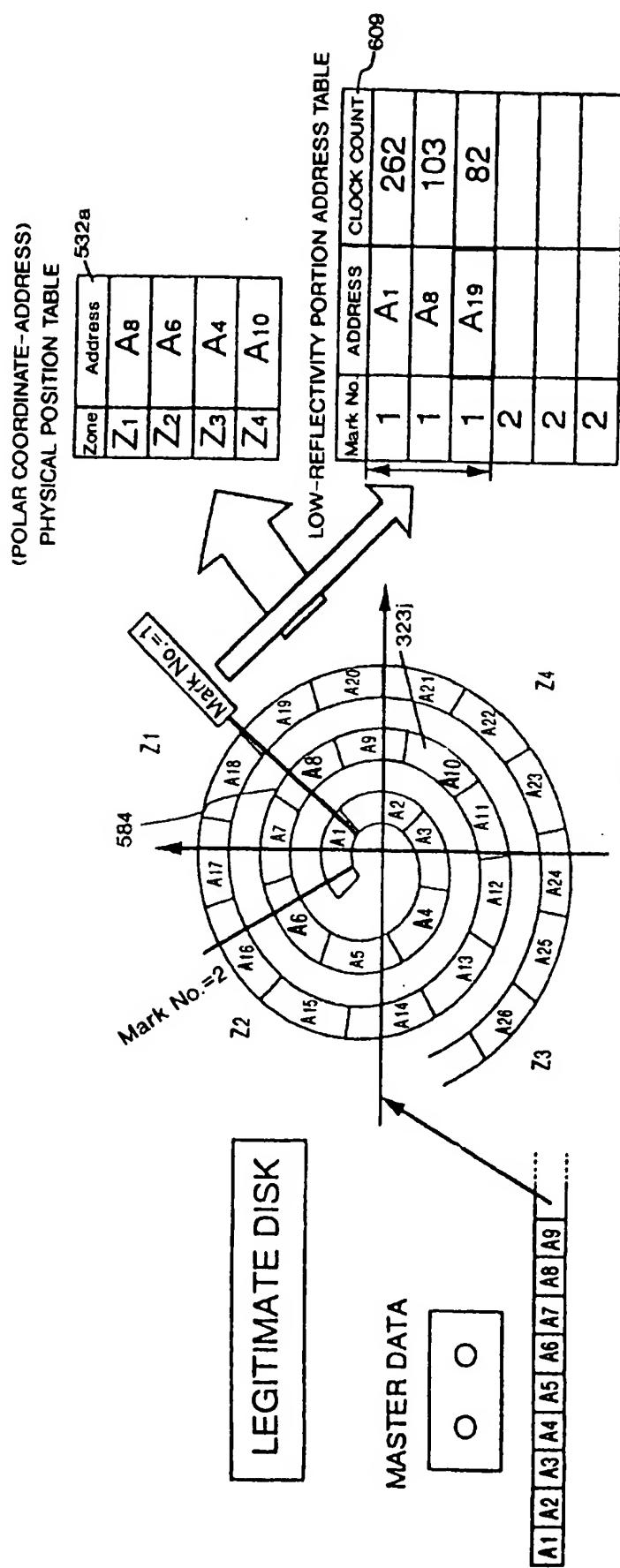


FIG. 13A

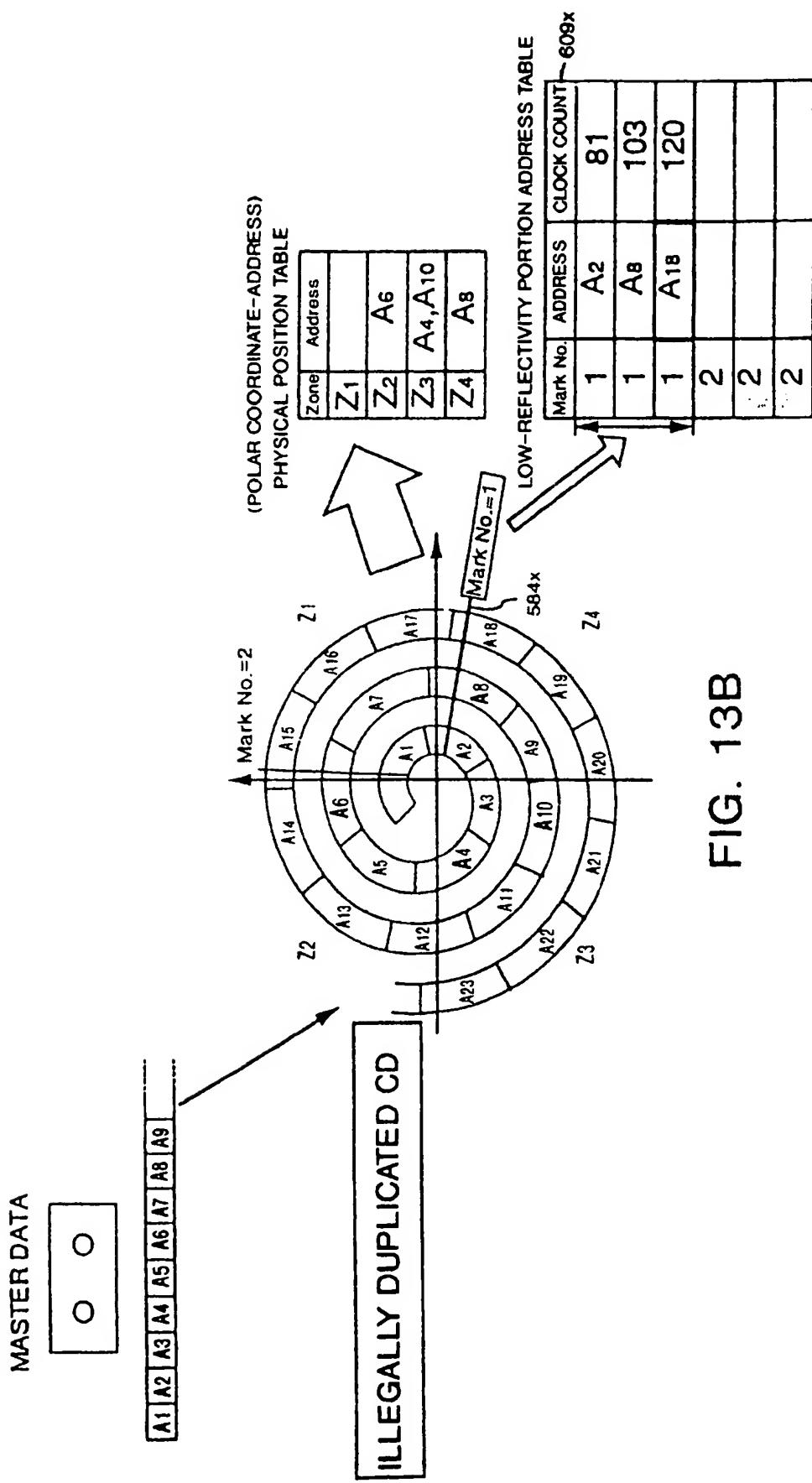


FIG. 13B

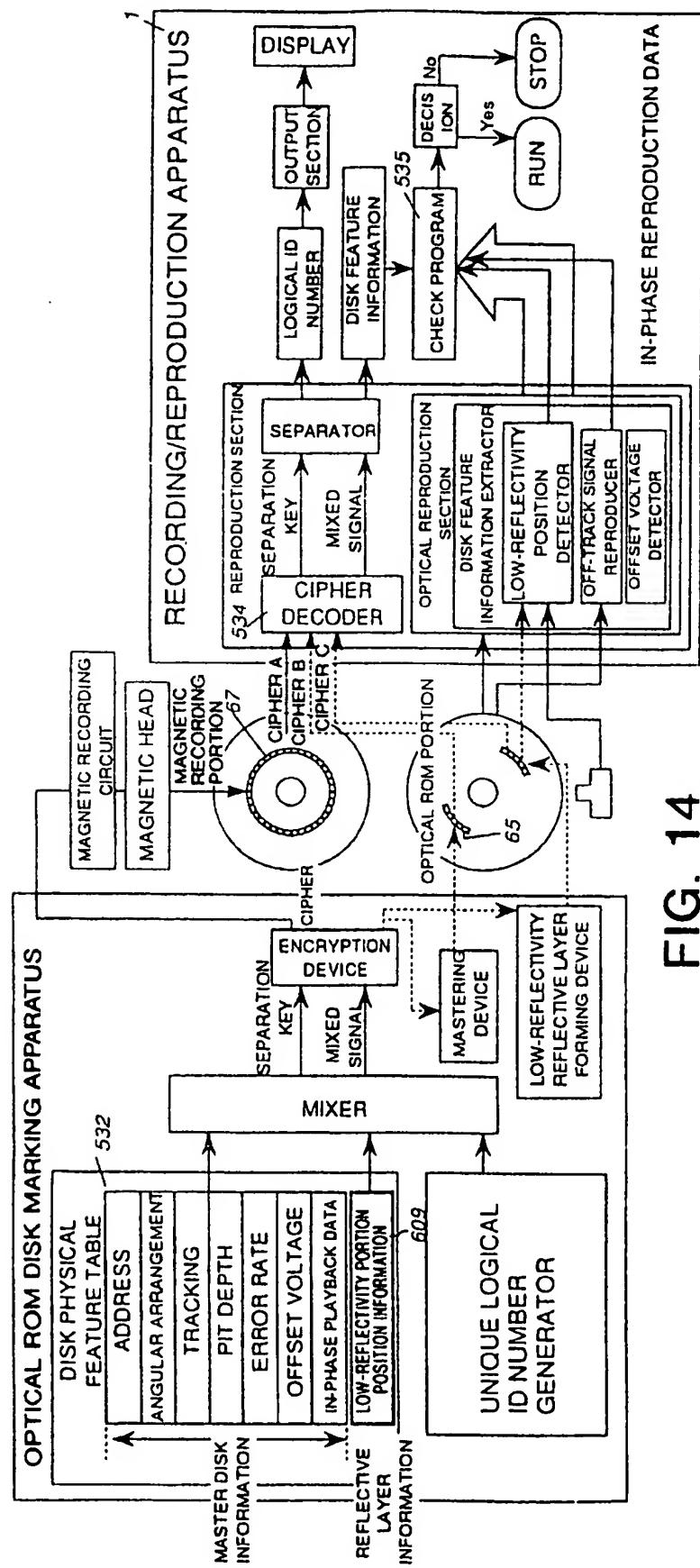
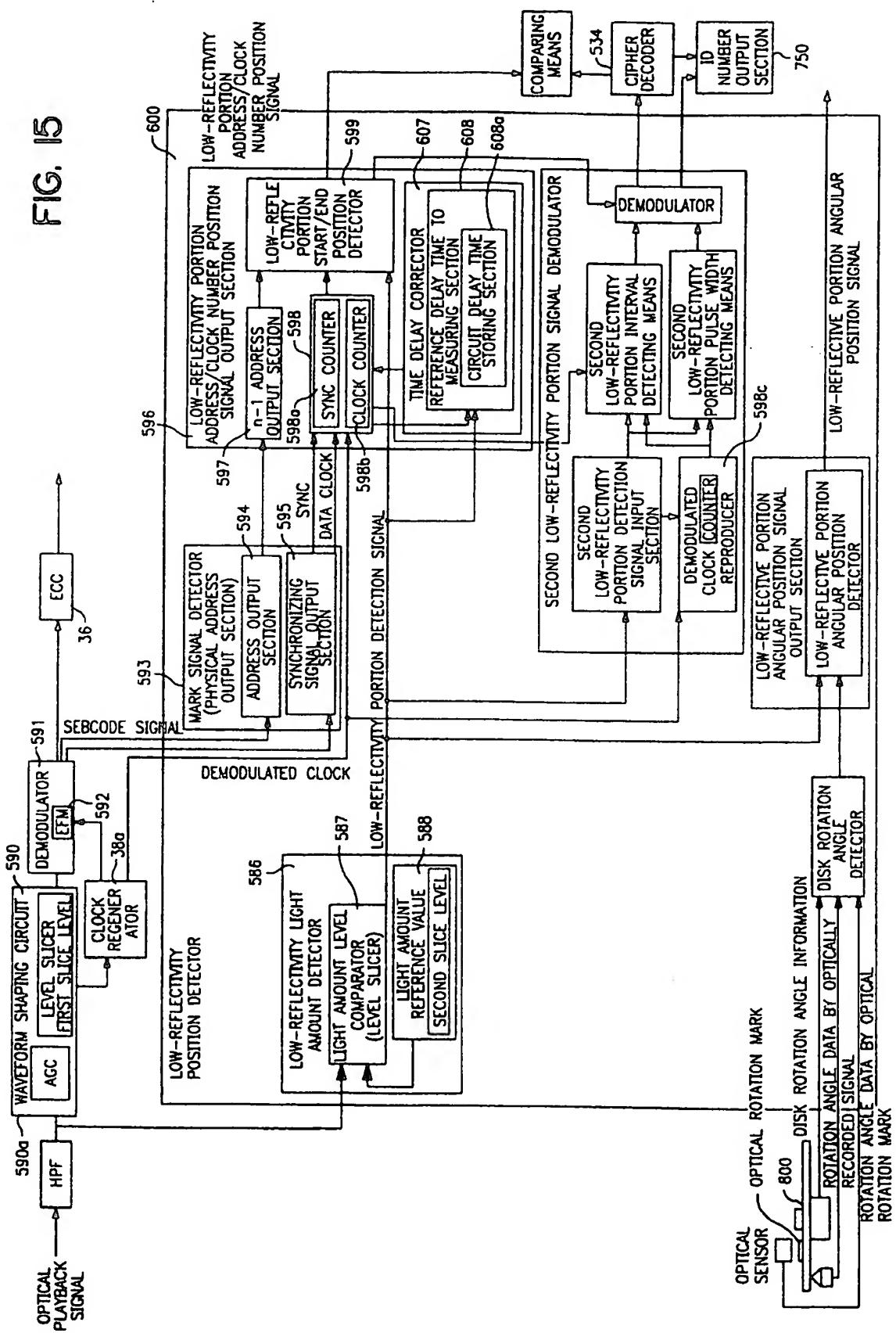
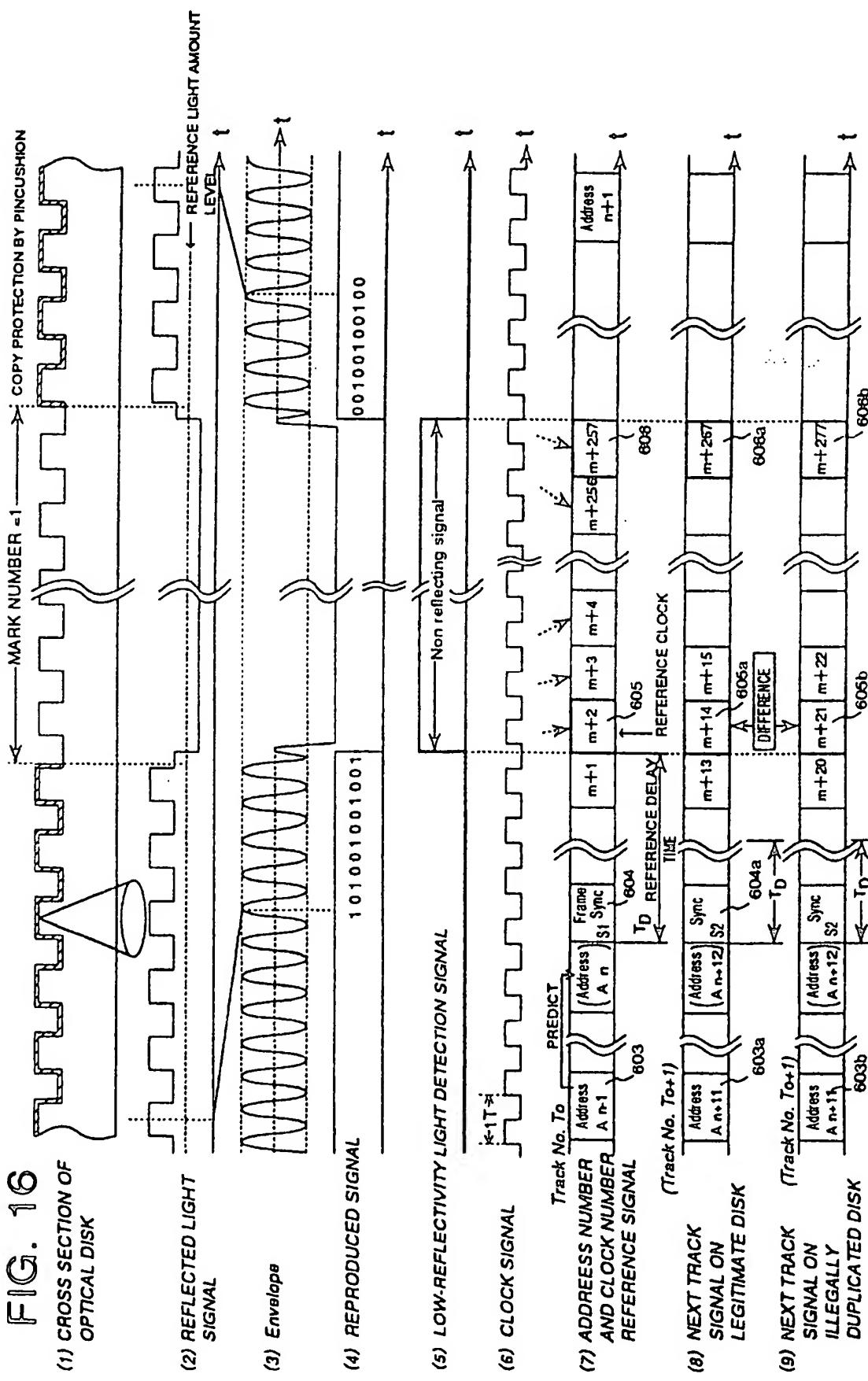


FIG. 14

FIG. 15





## LEGITIMATE DISK

LOW-REFLECTIVITY PORTION ADDRESS TABLE

MARK NO.	START POSITION ADDRESS	END POSITION ADDRESS	CLOCK Sync No	CLOCK Sync No
1 A n	S <sub>1</sub> m+2	n	m+257	
1 A n+12	S <sub>2</sub> m+14	n+12	m+267	
1 A n+23	m+25	n+23	m+300	
:	:	:	:	:
2 A n+1	m+15	n+1	m+160	
2 A n+13	m+85	n+13	m+250	
2 A n+24	m+68	n+24	m+210	
10 A	n+9			
10				

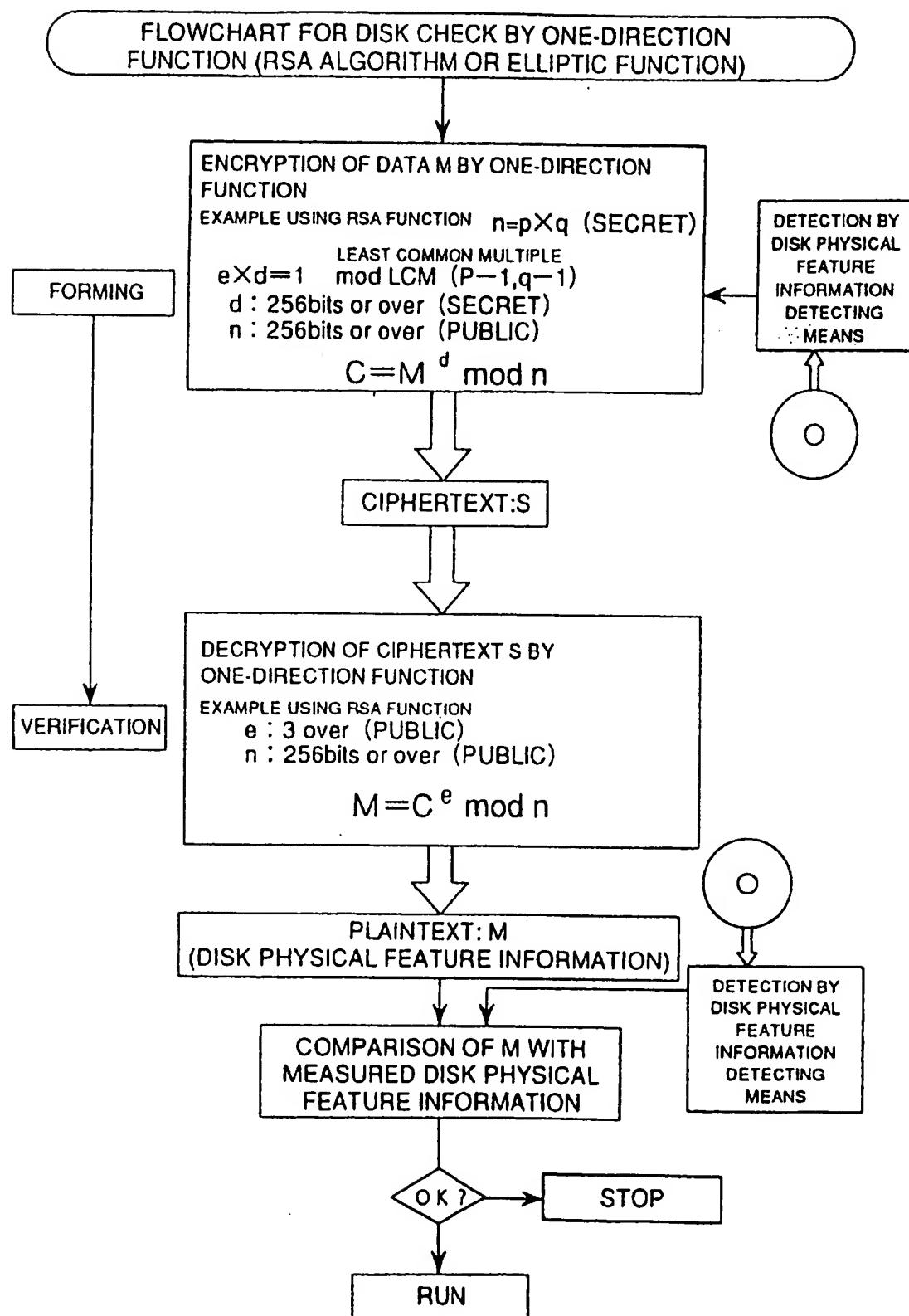
LOW-REFLECTIVITY PORTION ADDRESS TABLE

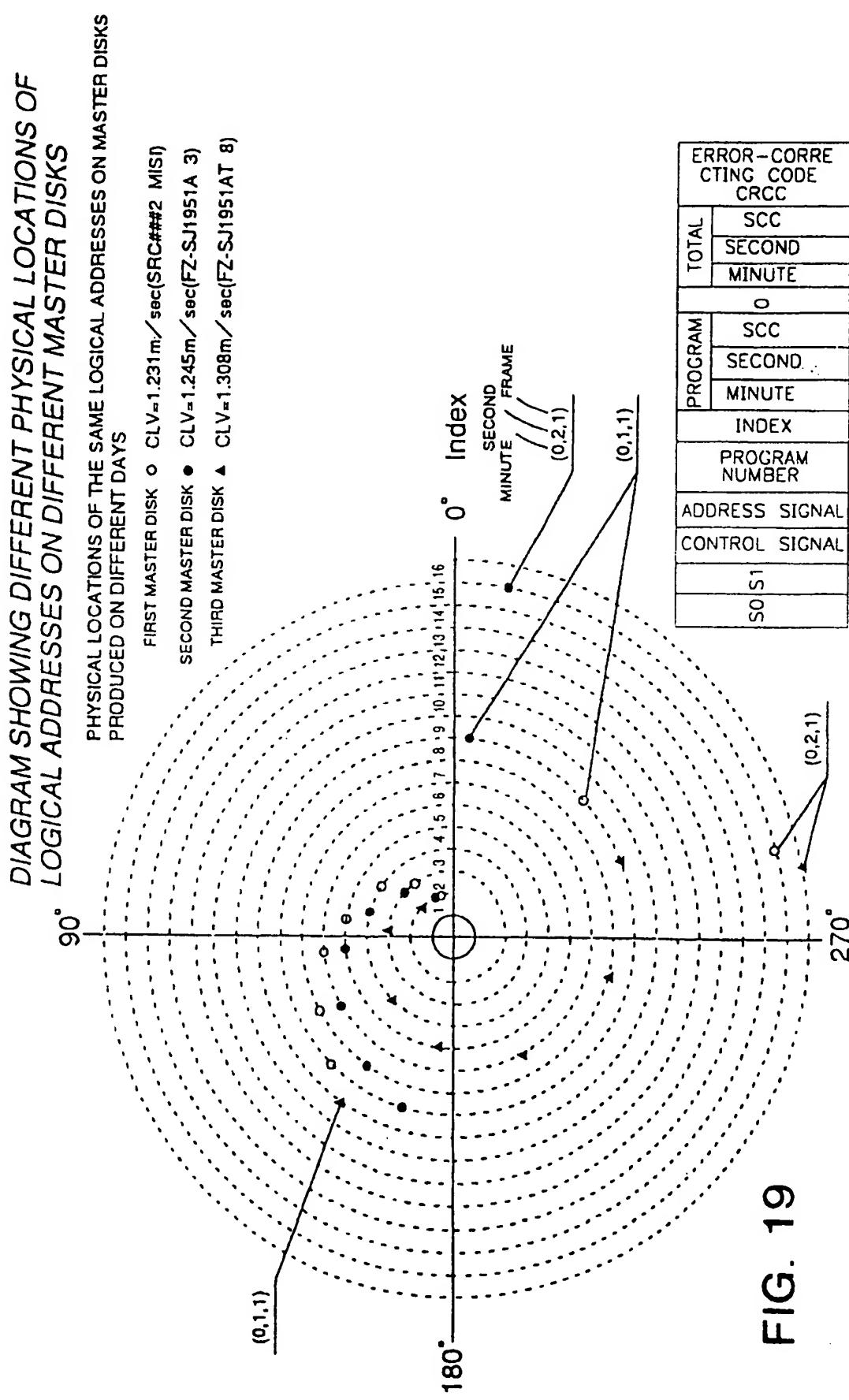
## ILLEGALLY DUPLICATED DISK

609x END POSITION

MARK NO.	START POSITION ADDRESS	END POSITION ADDRESS	CLOCK Sync No	CLOCK Sync No
1	n	S <sub>1</sub> m+2	n	m+257
1	n+12	S <sub>2</sub> m+21	n+12	m+277
1	n+22	m+4	n+22	m+230
:	:	:	:	:
2	n+1	m+36	n+1	m+190
2	n+13	m+120	n+13	m+281
2	n+25		n+25	
10	n+9			
10				

FIG. 17

**FIG. 18**



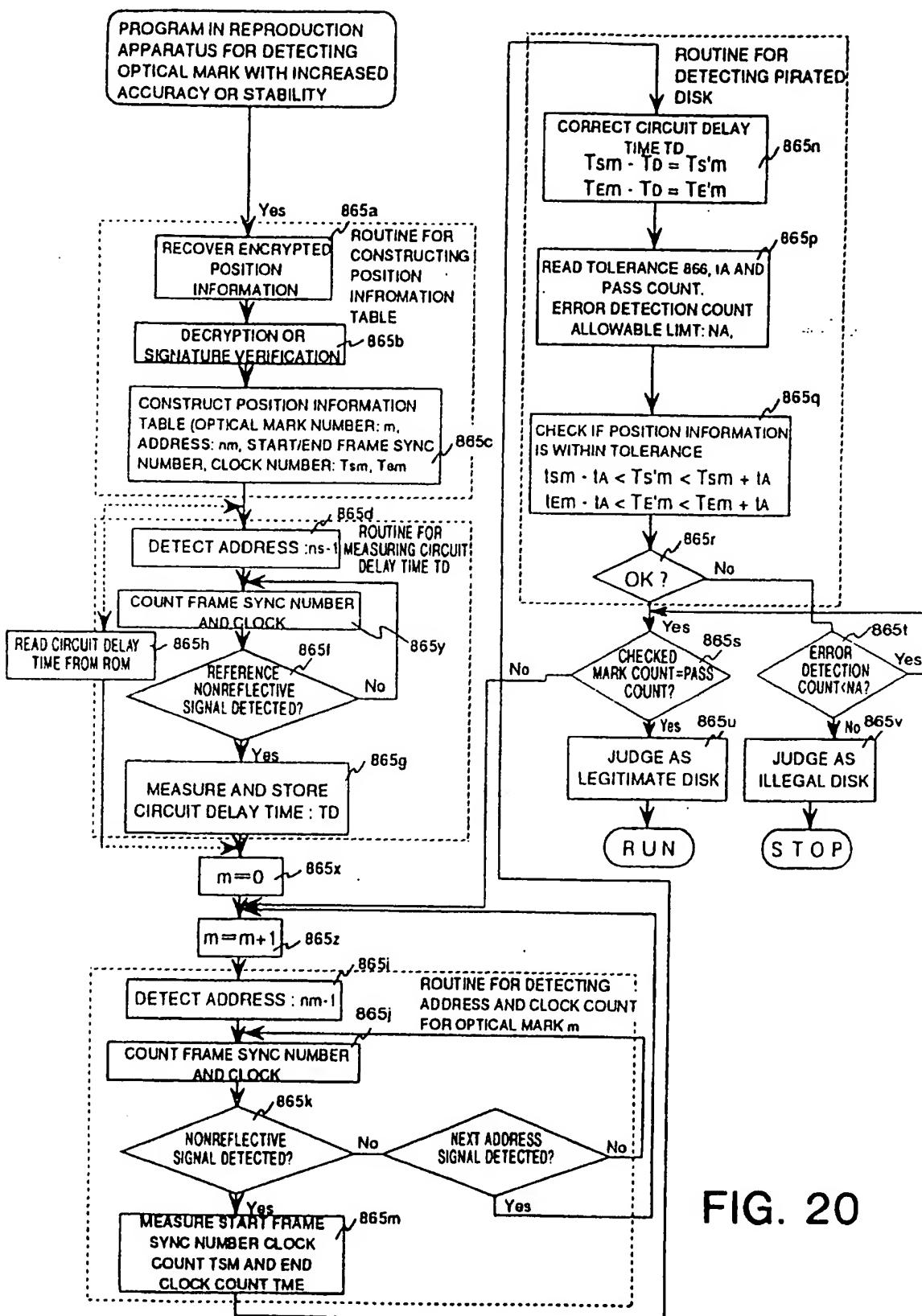


FIG. 20

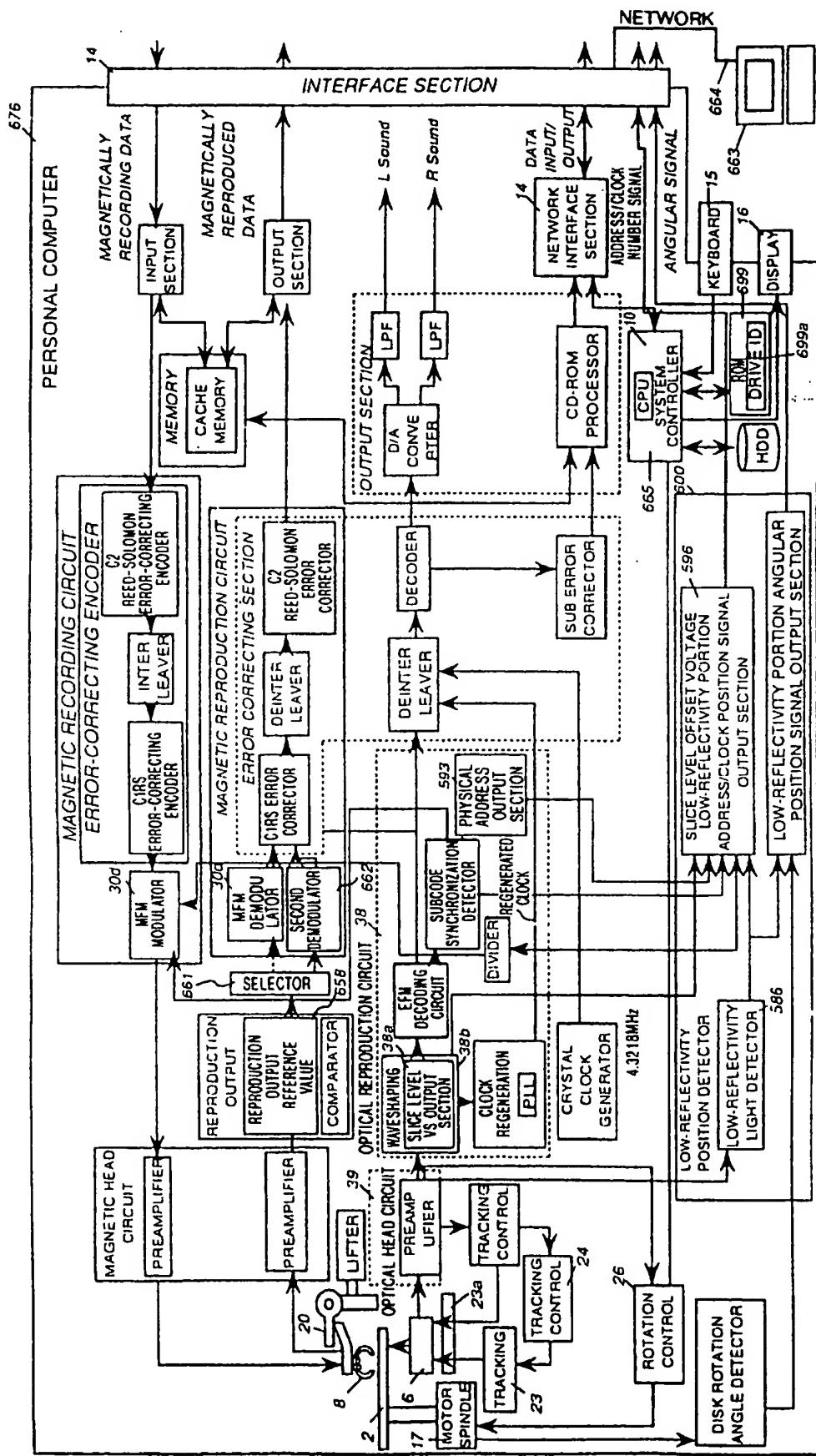


FIG. 21

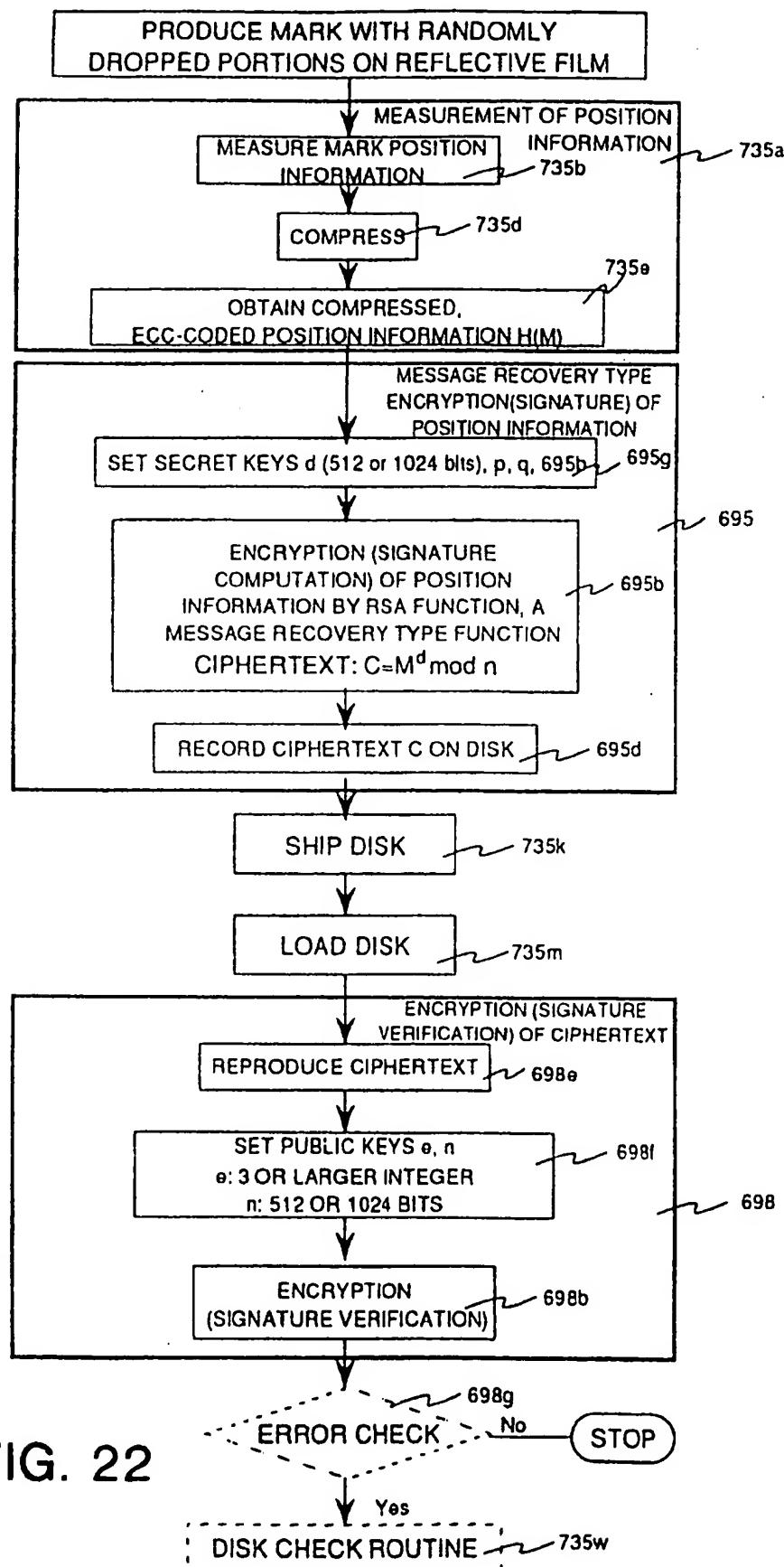


FIG. 22

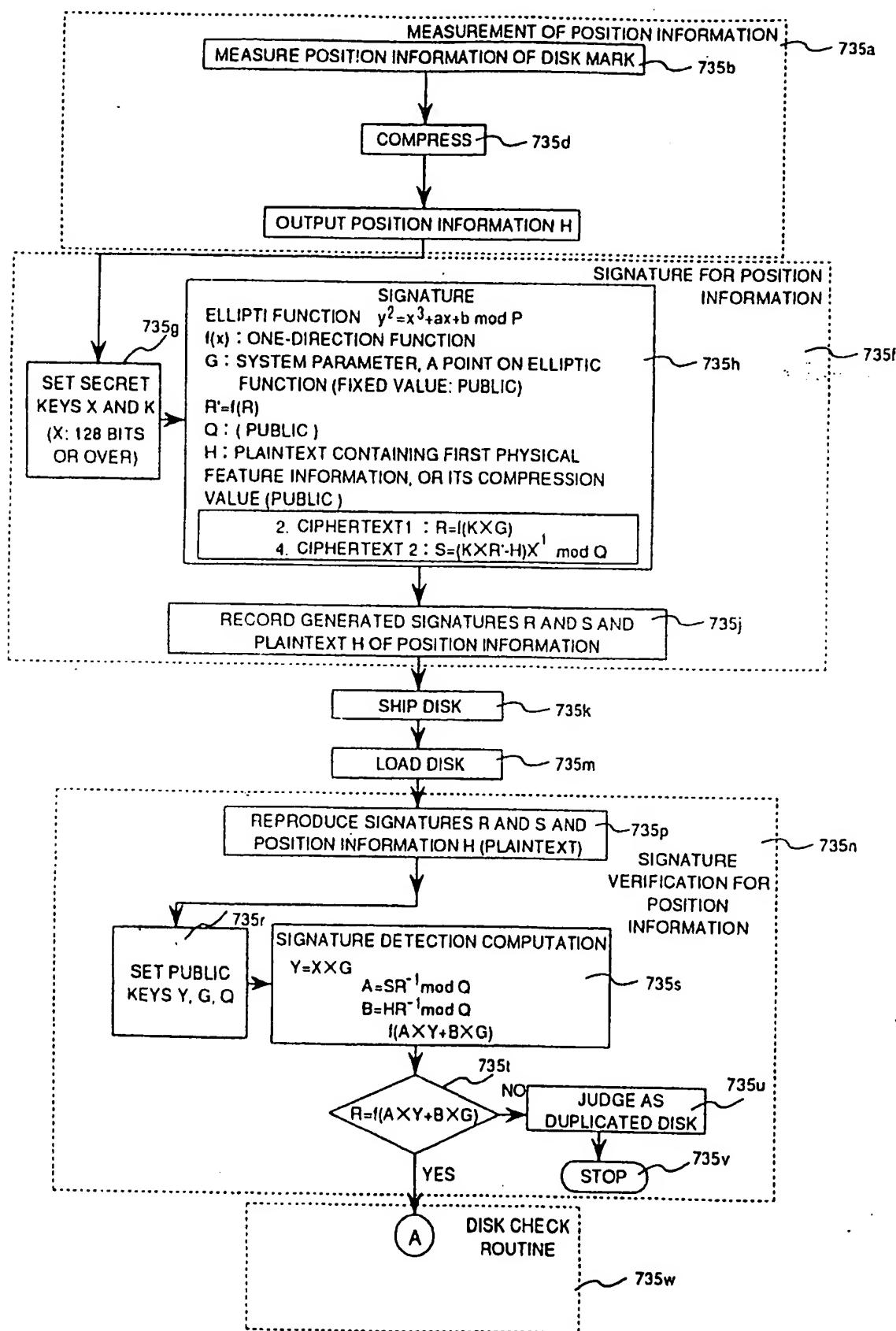


FIG. 23

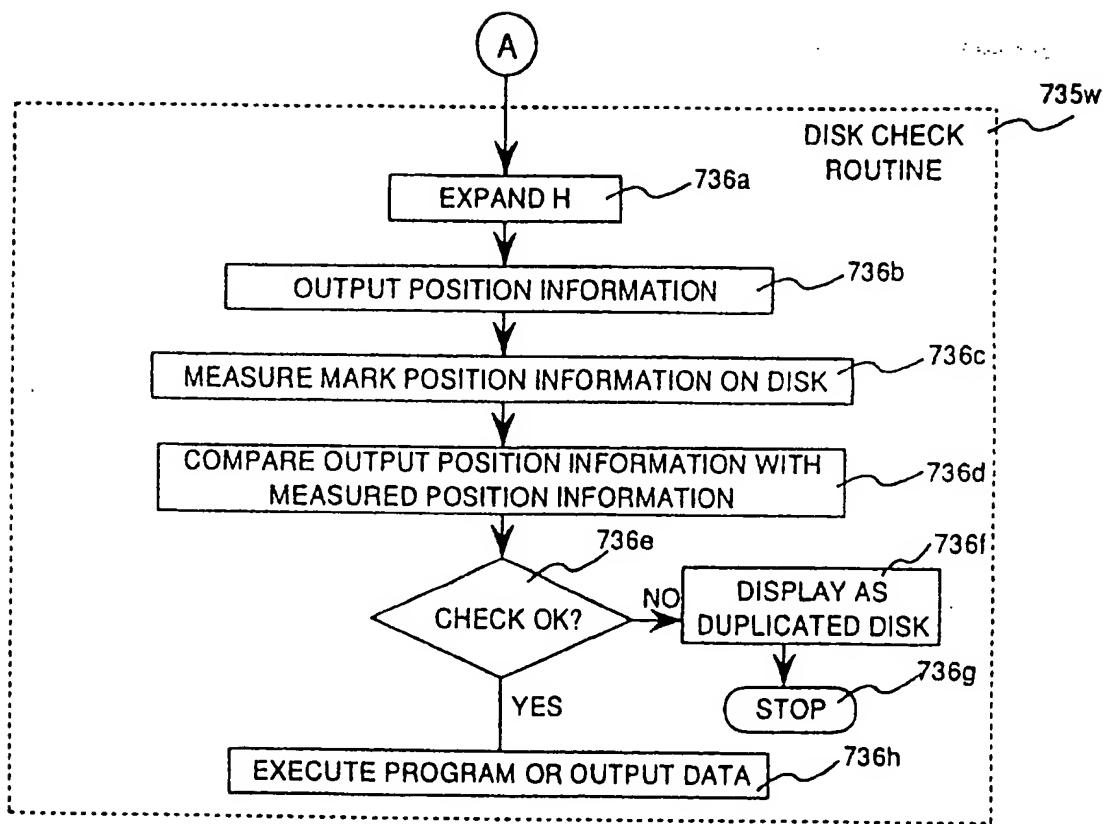


FIG. 24

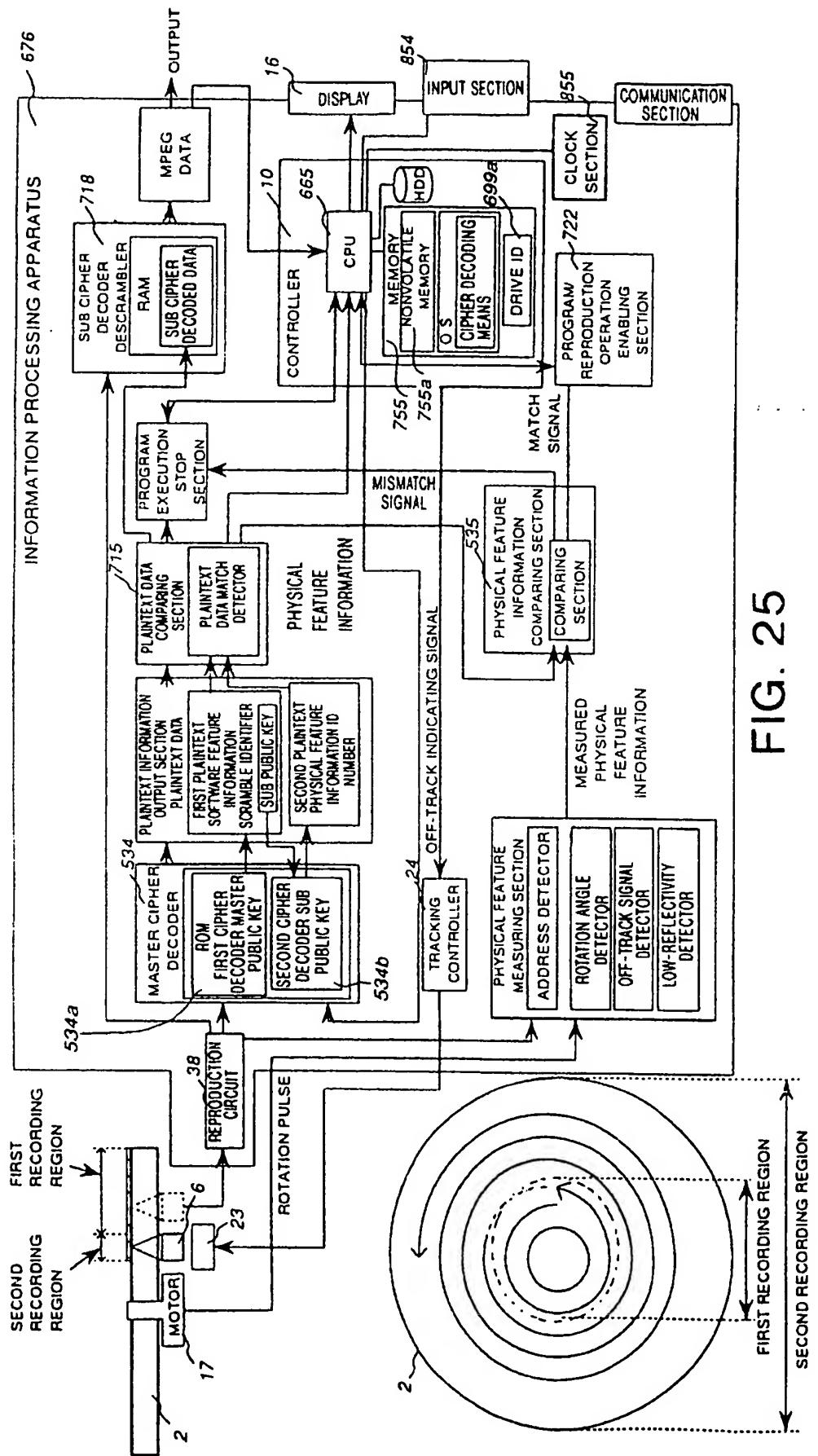
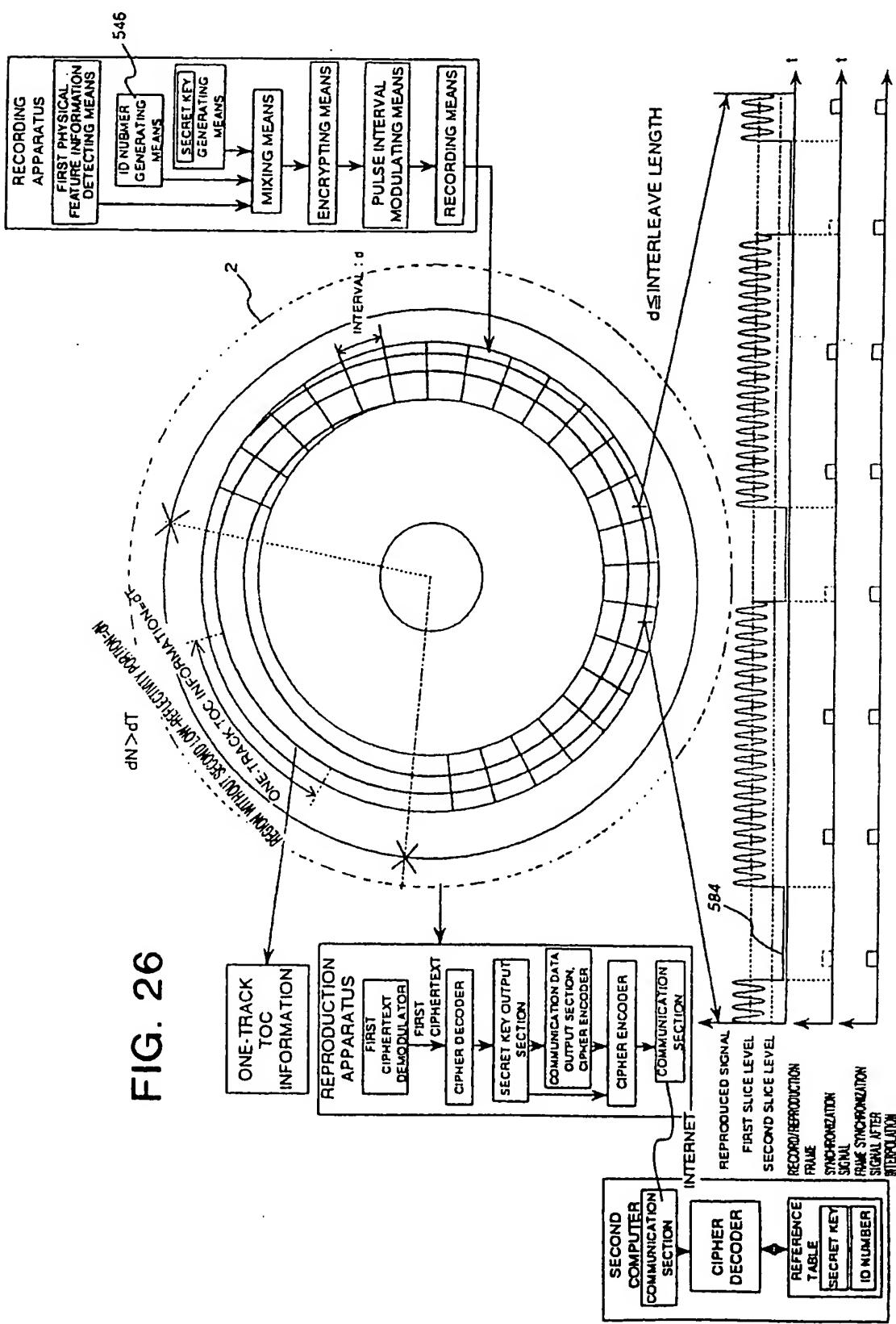
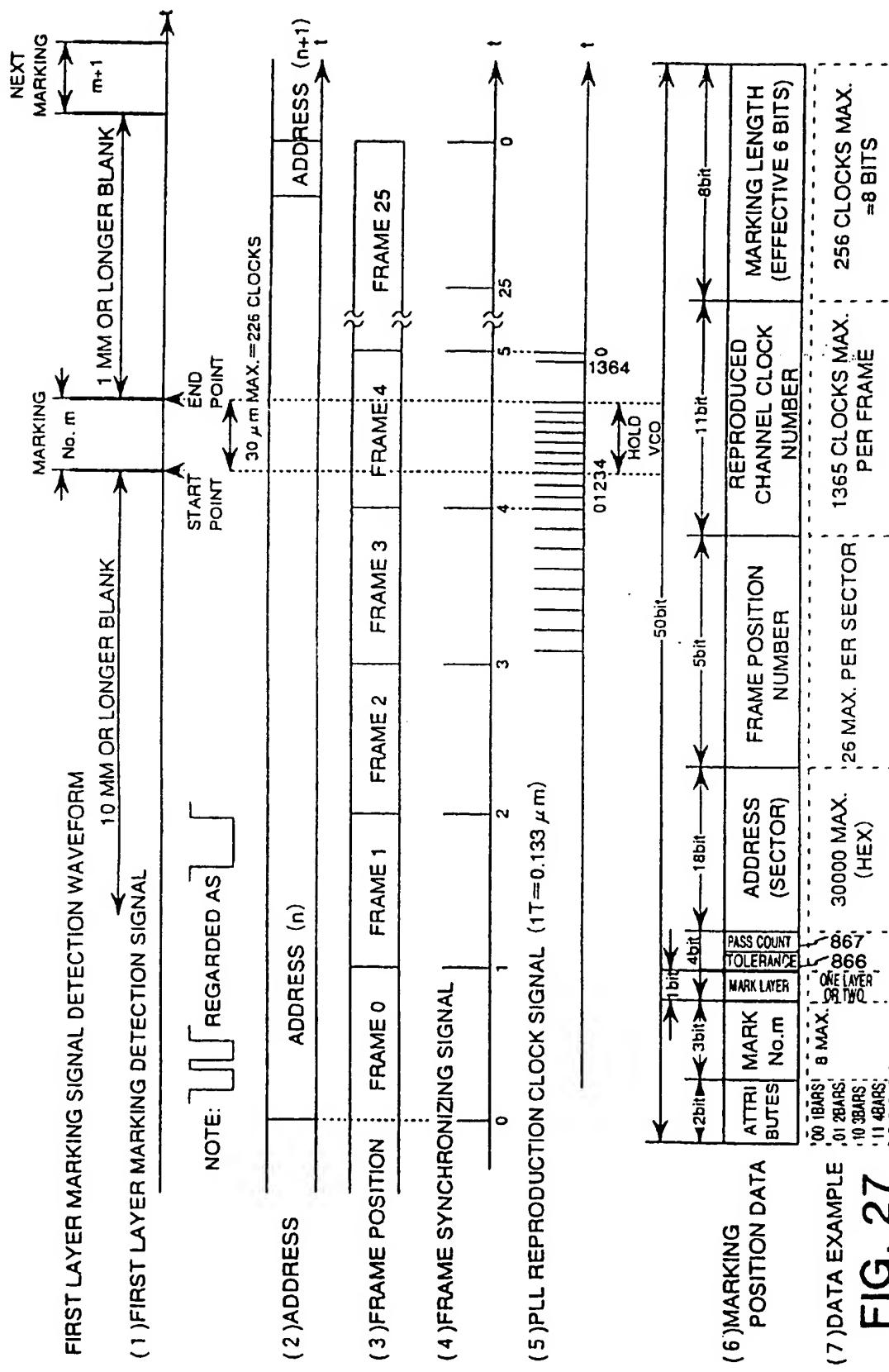


FIG. 25

FIG. 26





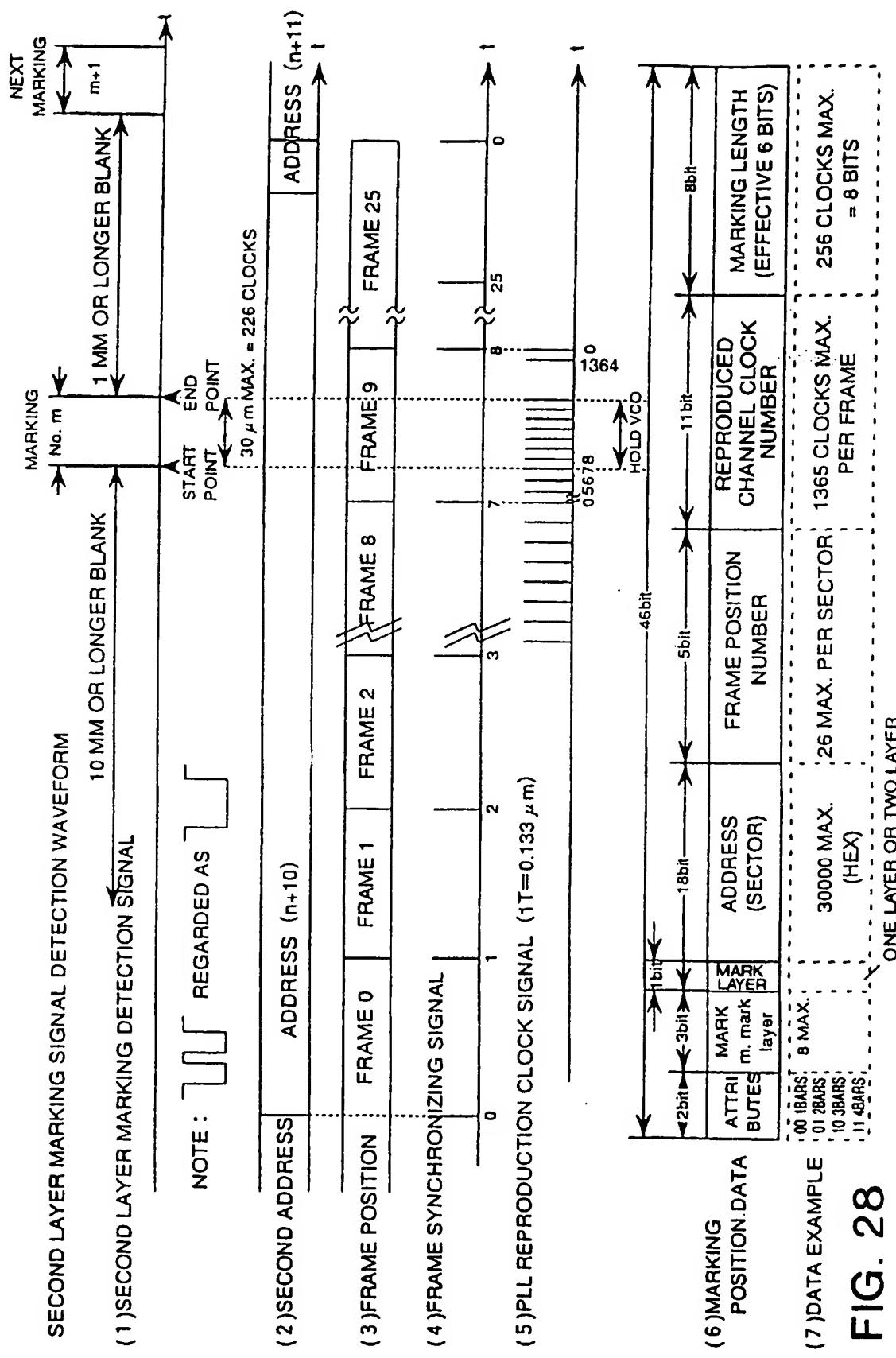


FIG. 28

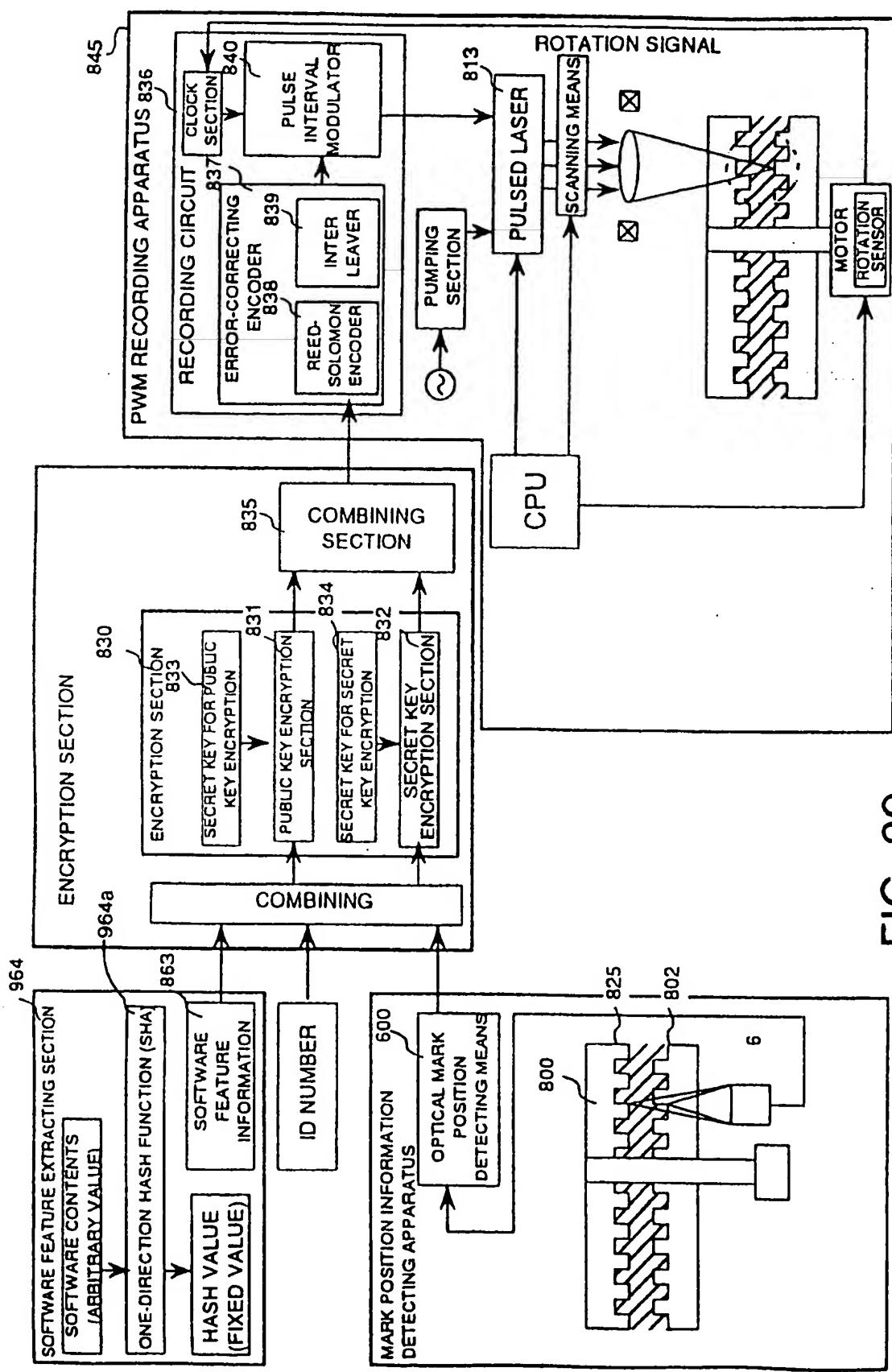


FIG. 29

CODE CLASSIFIED BY PULSE INTERVAL, 4-VALUE PWM RECORDING

CODE	00	01	10	11
------	----	----	----	----

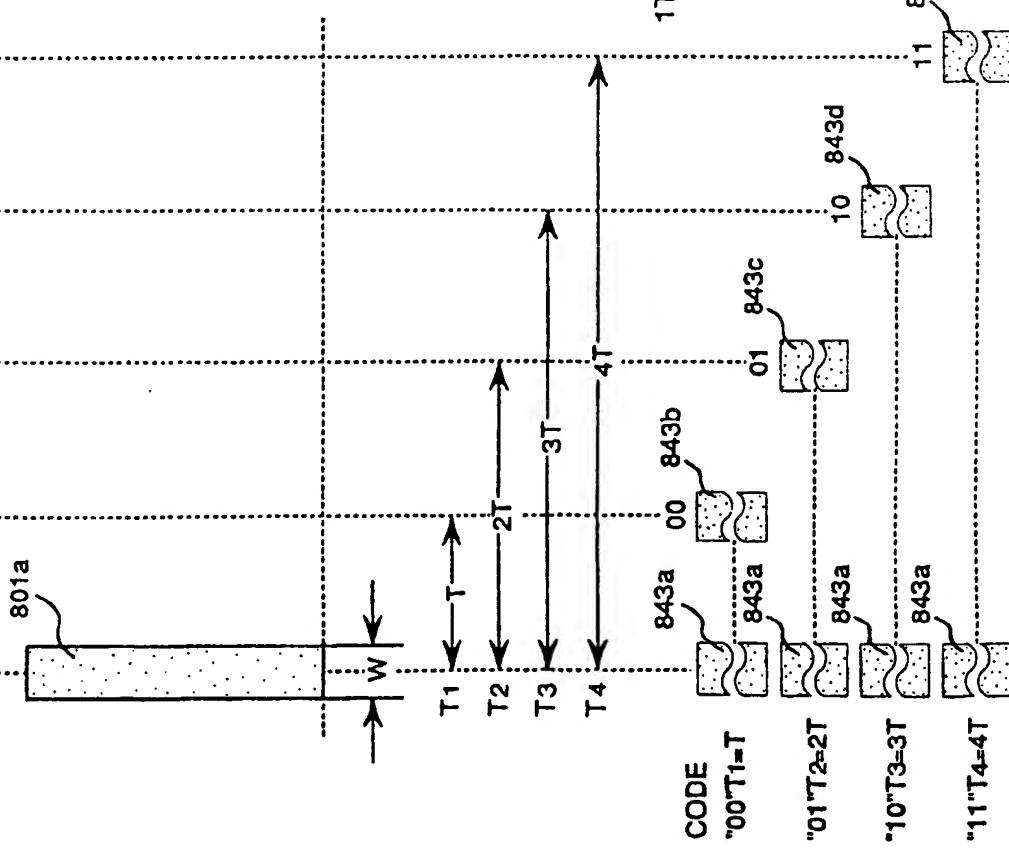


FIG. 30

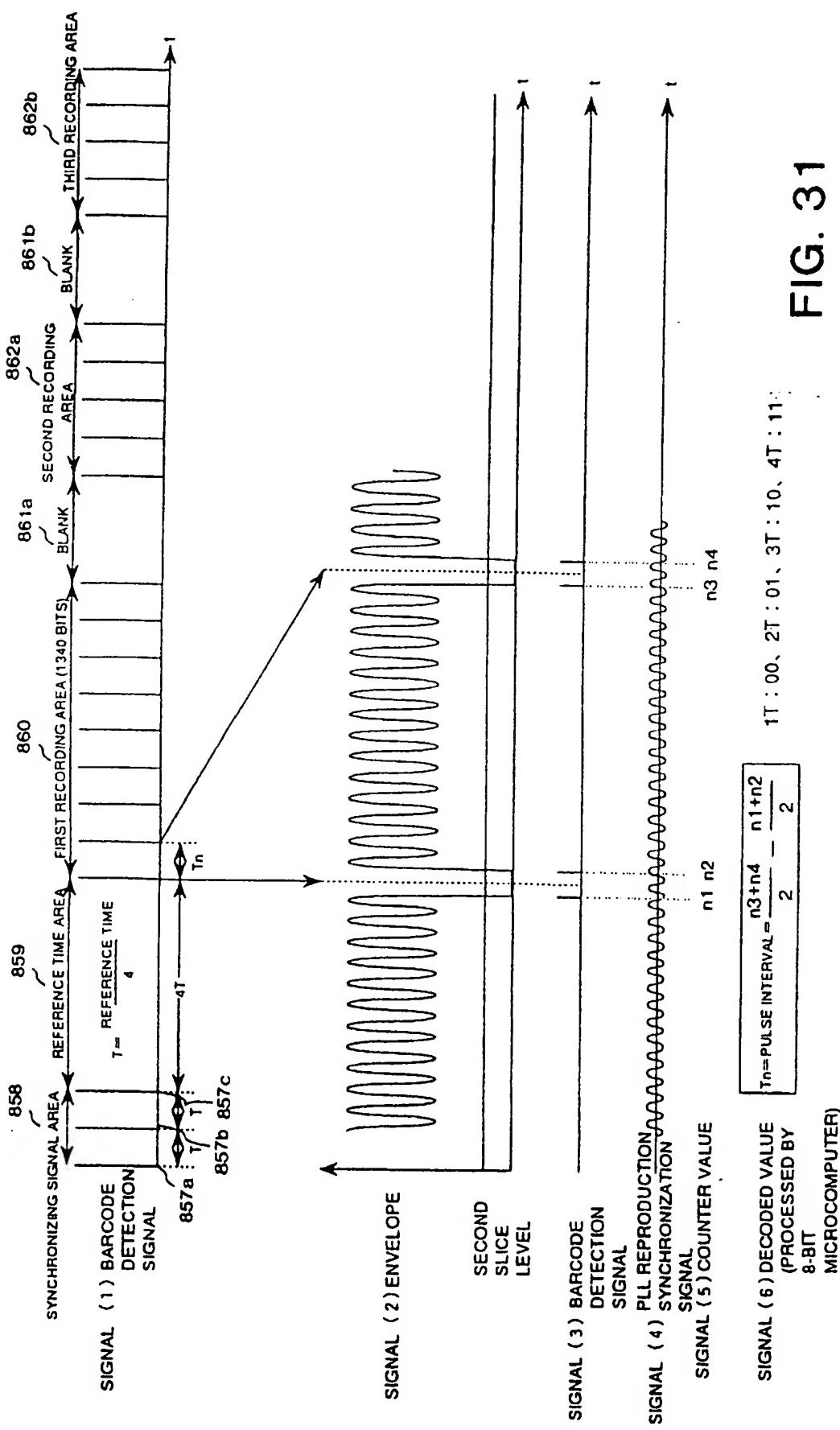
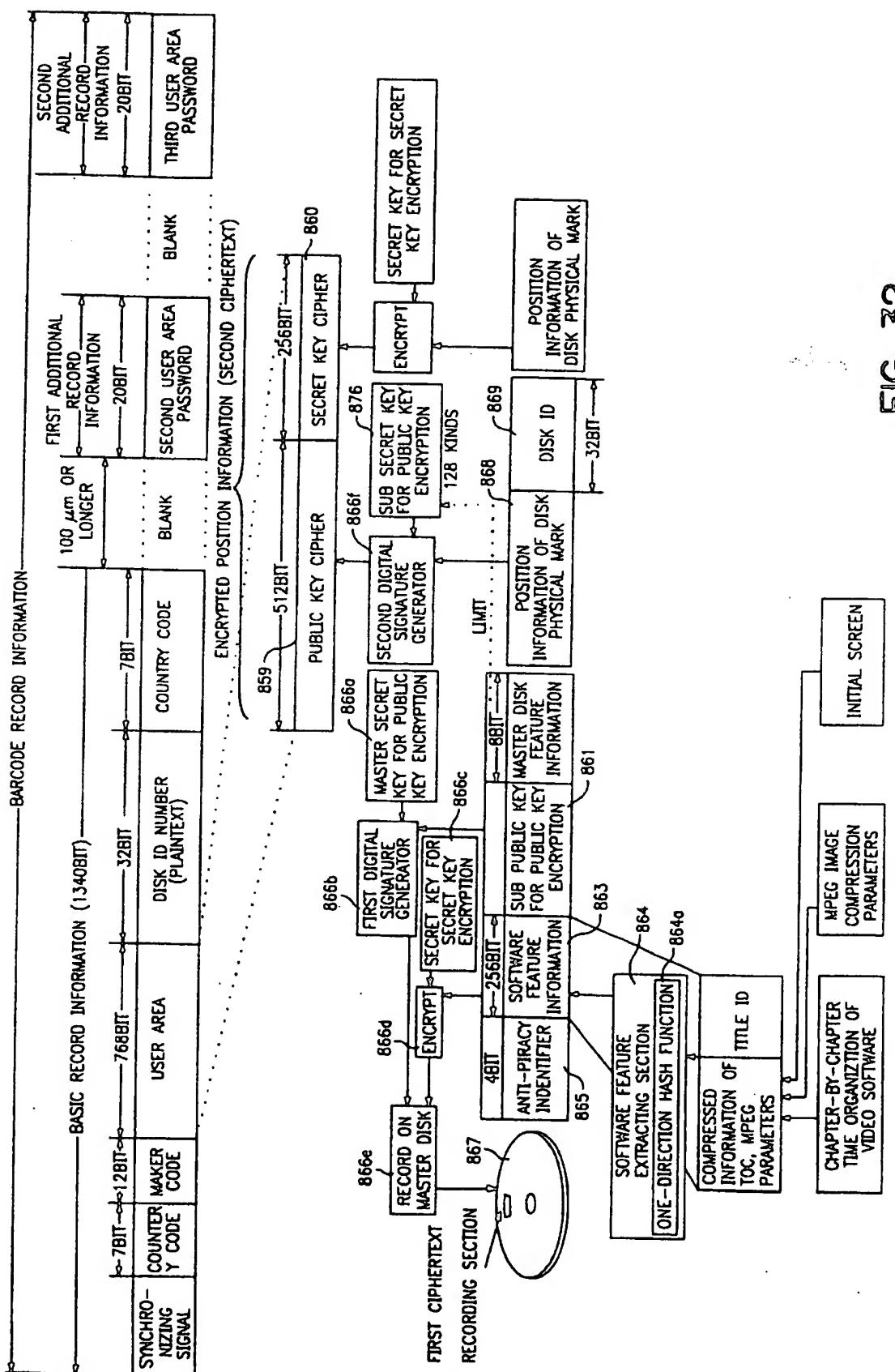


FIG. 31



32  
E.G.

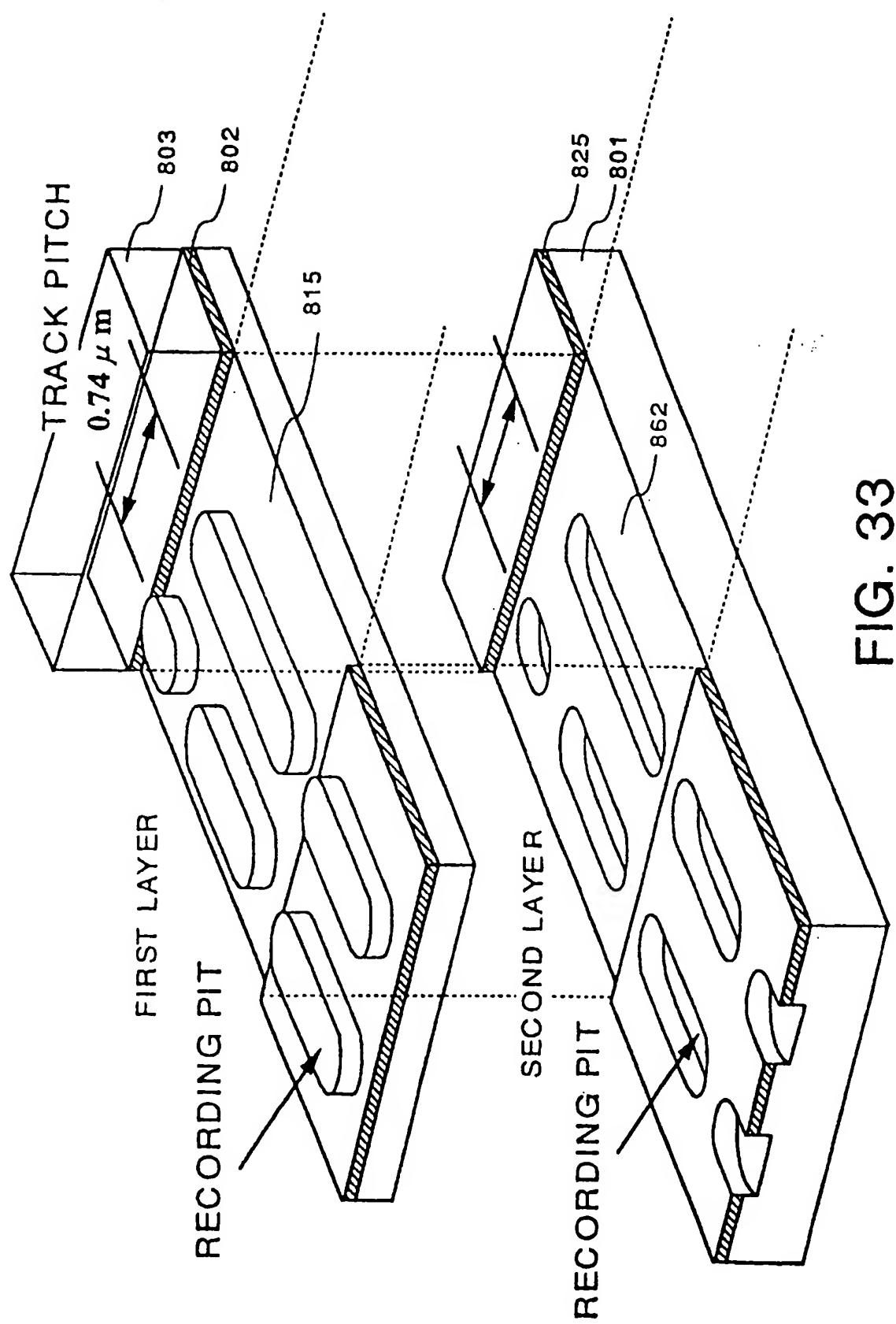
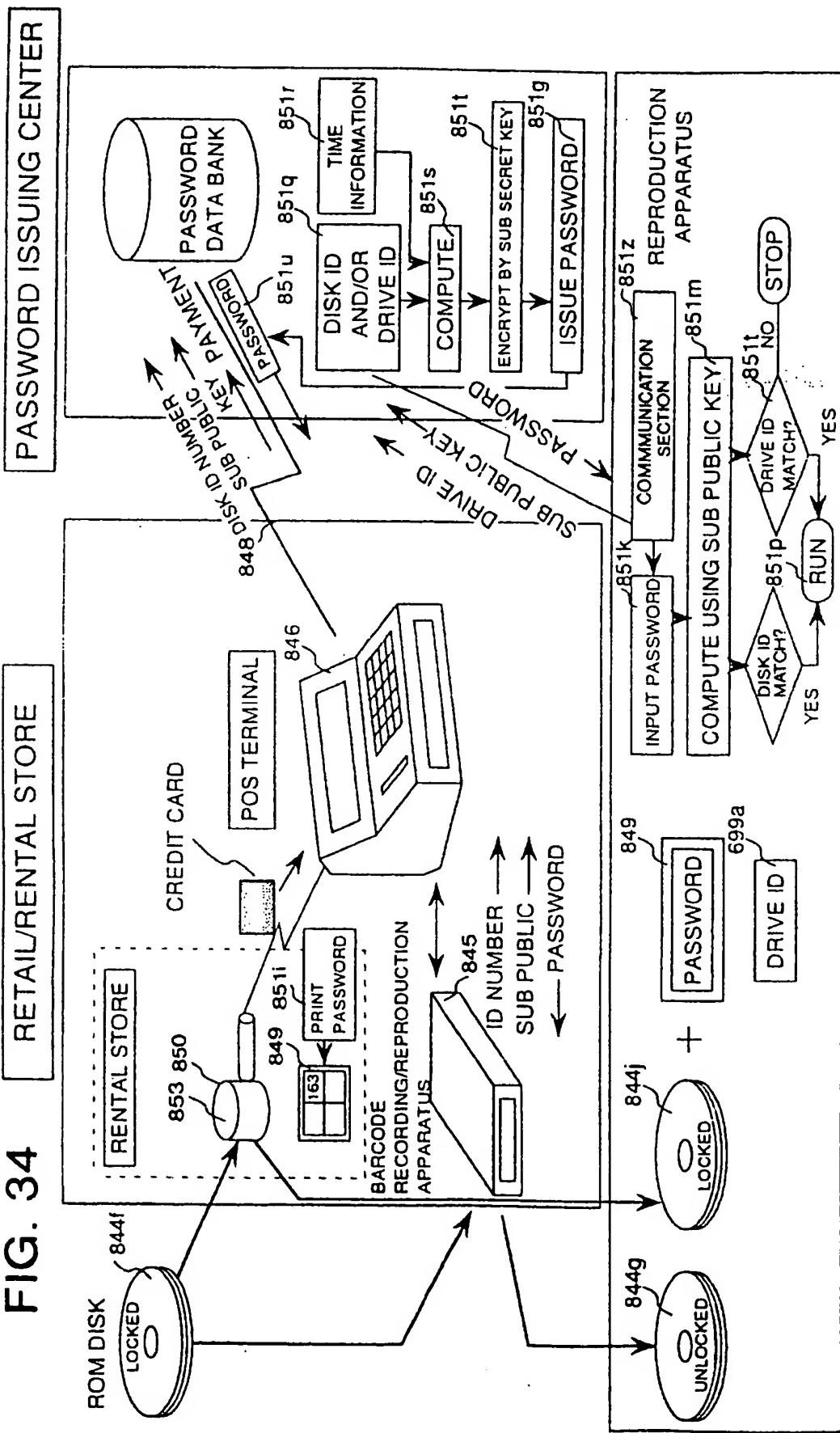


FIG. 34 RETAIL/RENTAL STORE



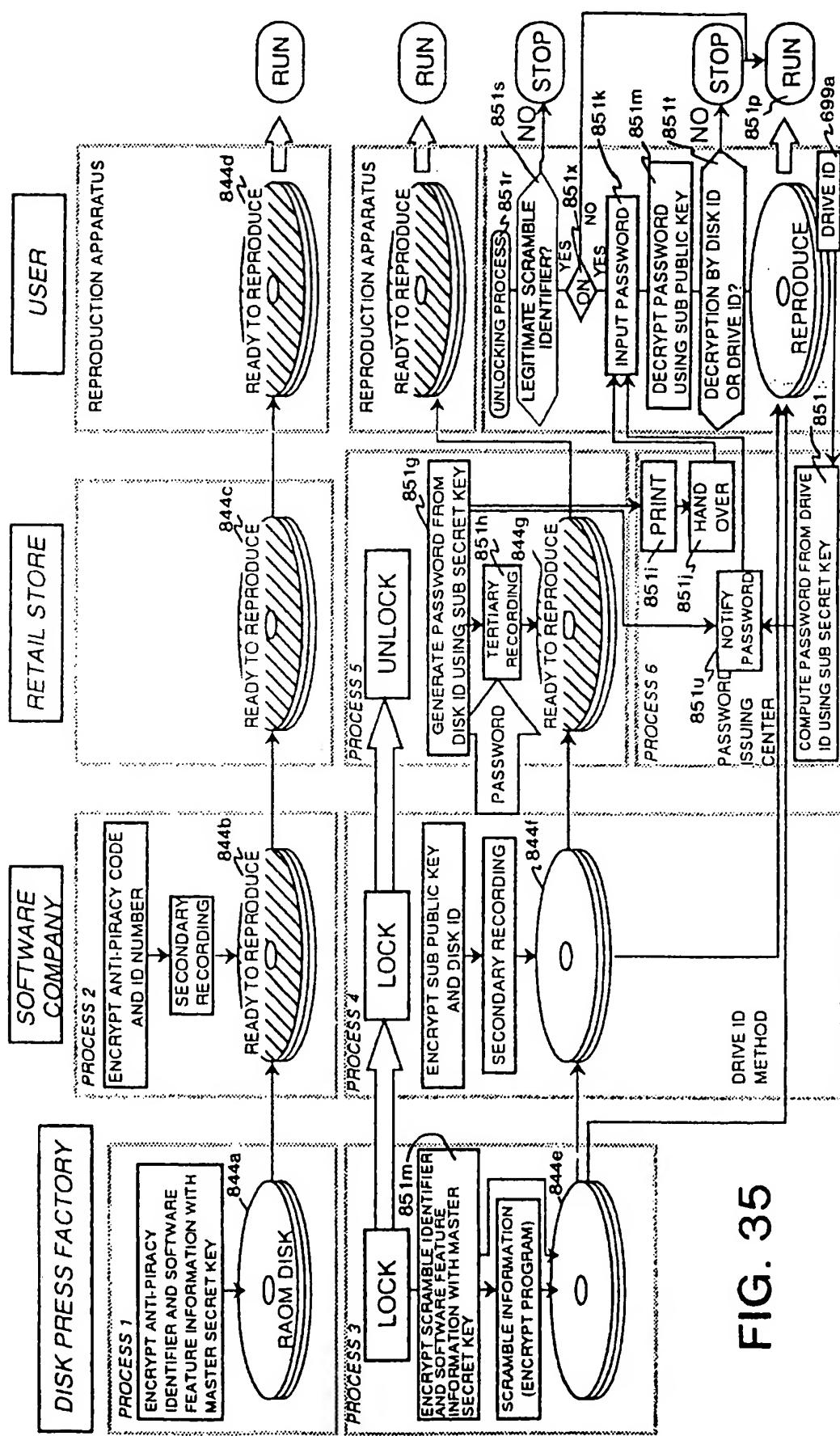
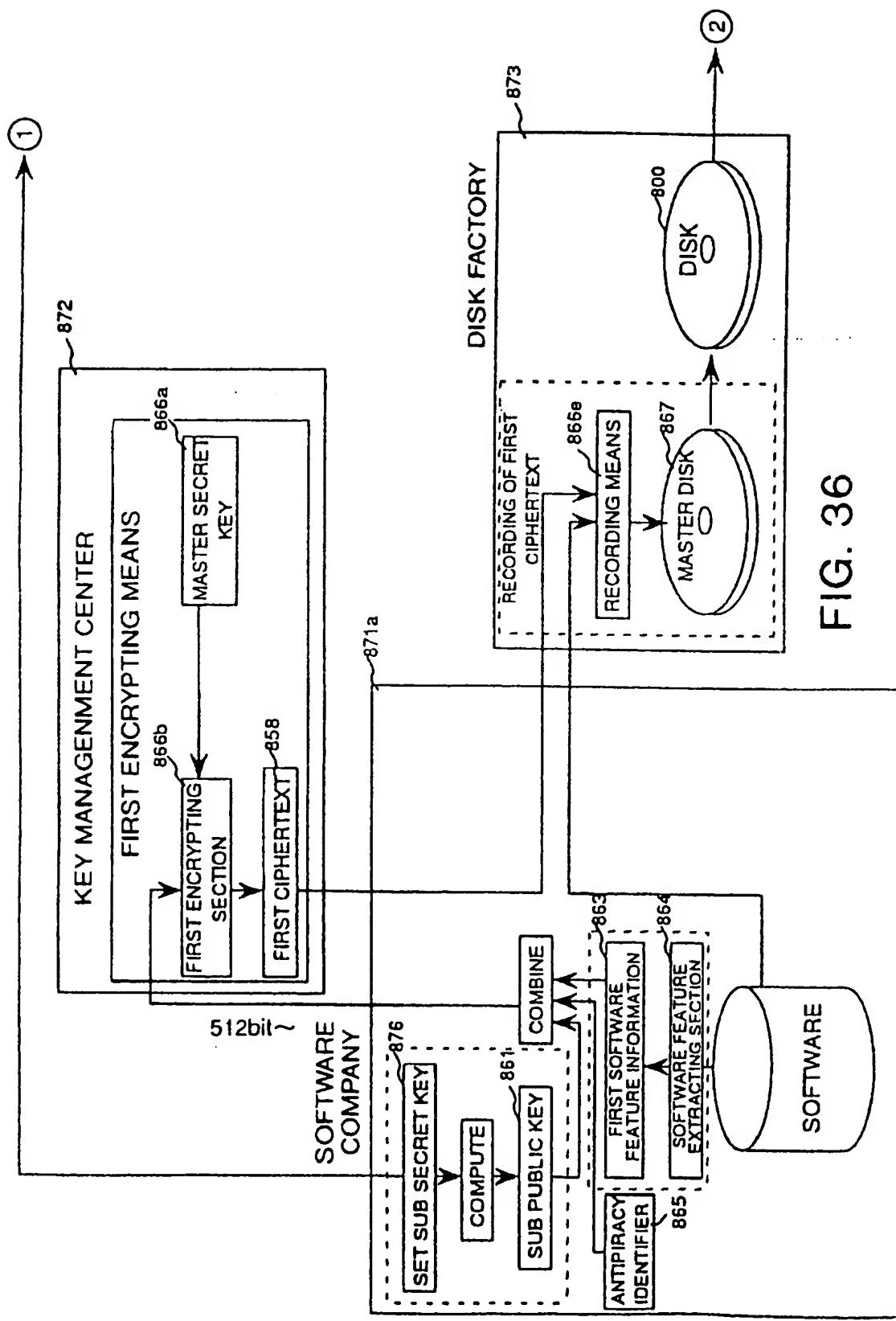


FIG. 35



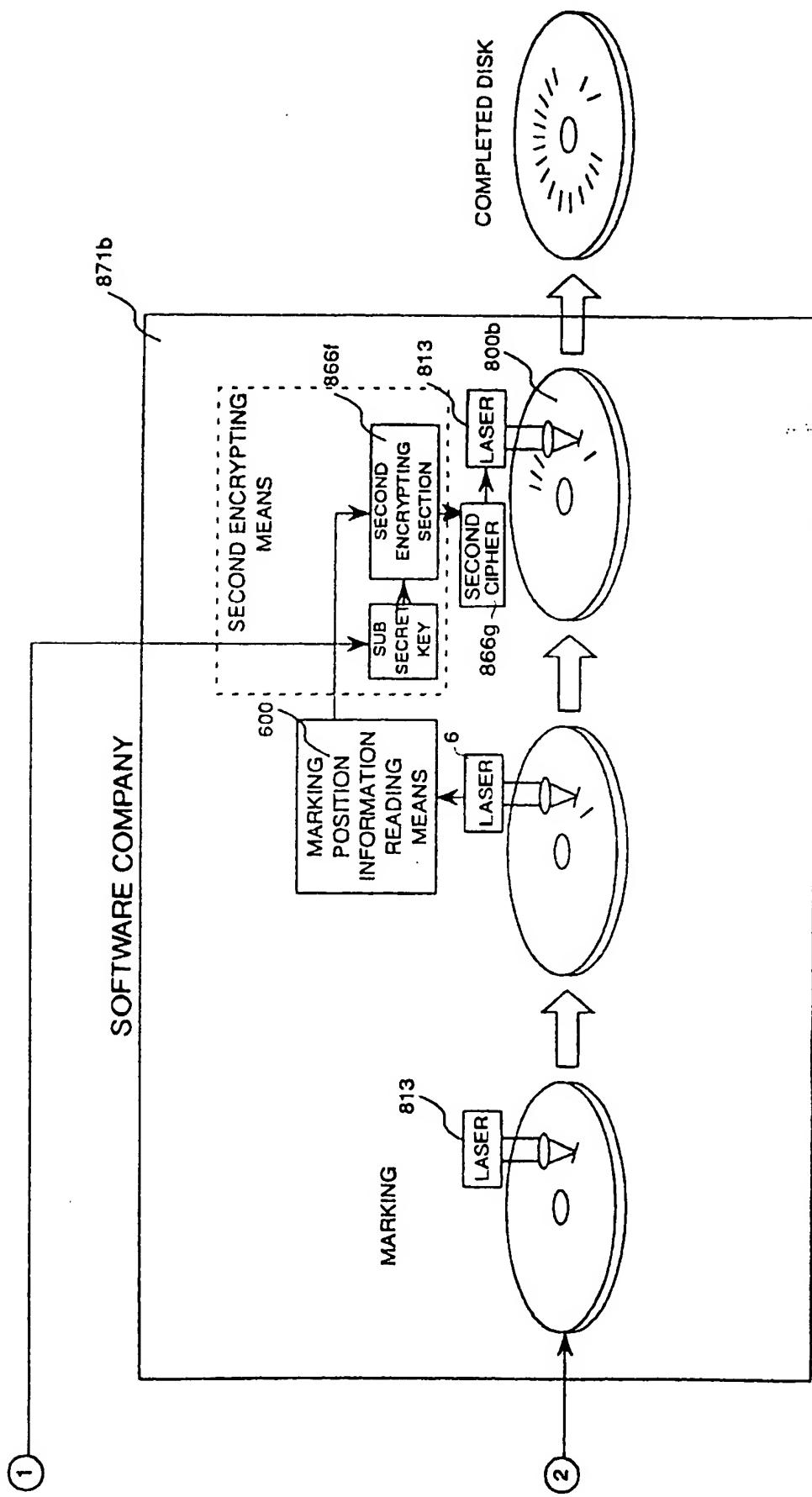


FIG. 37

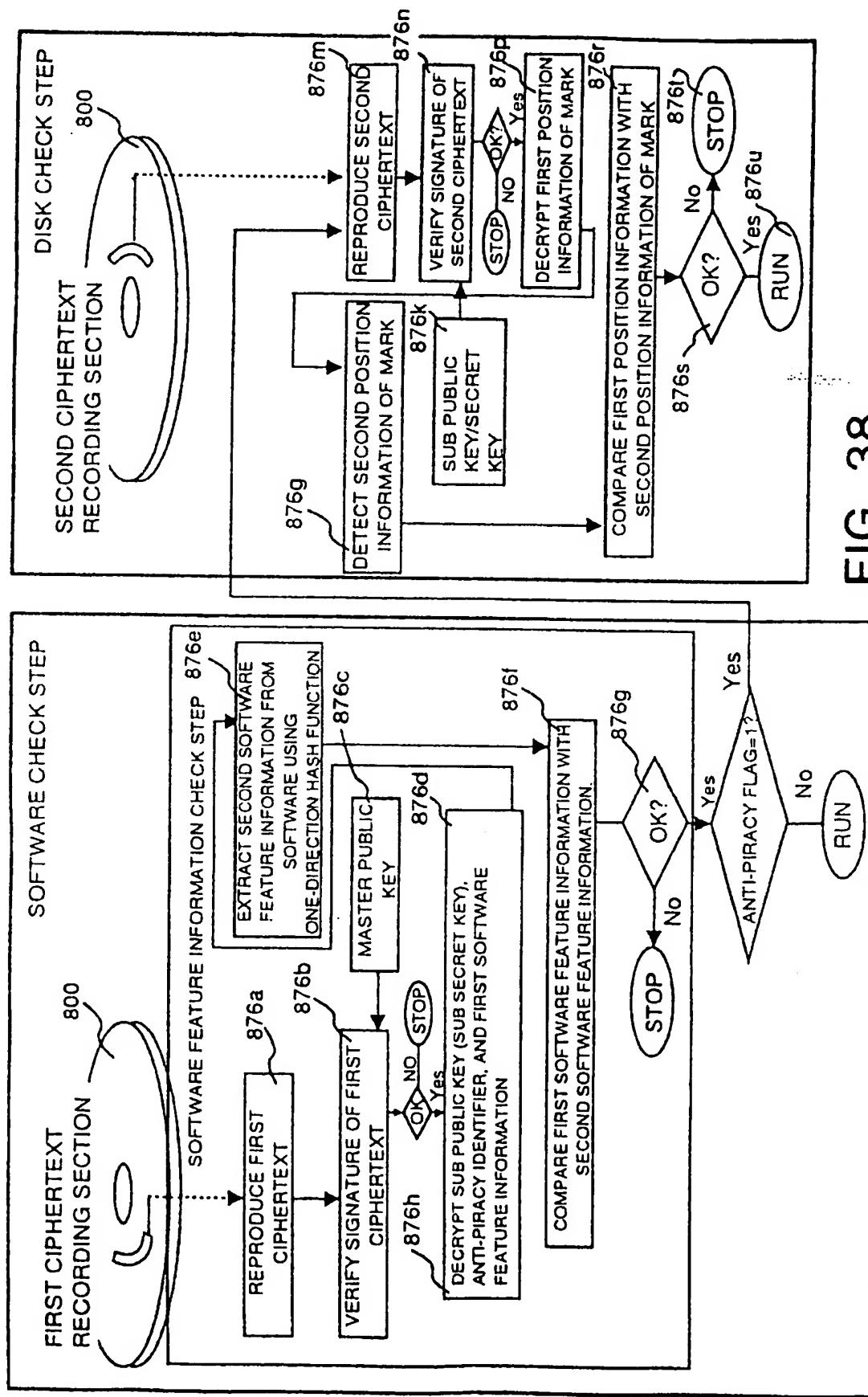
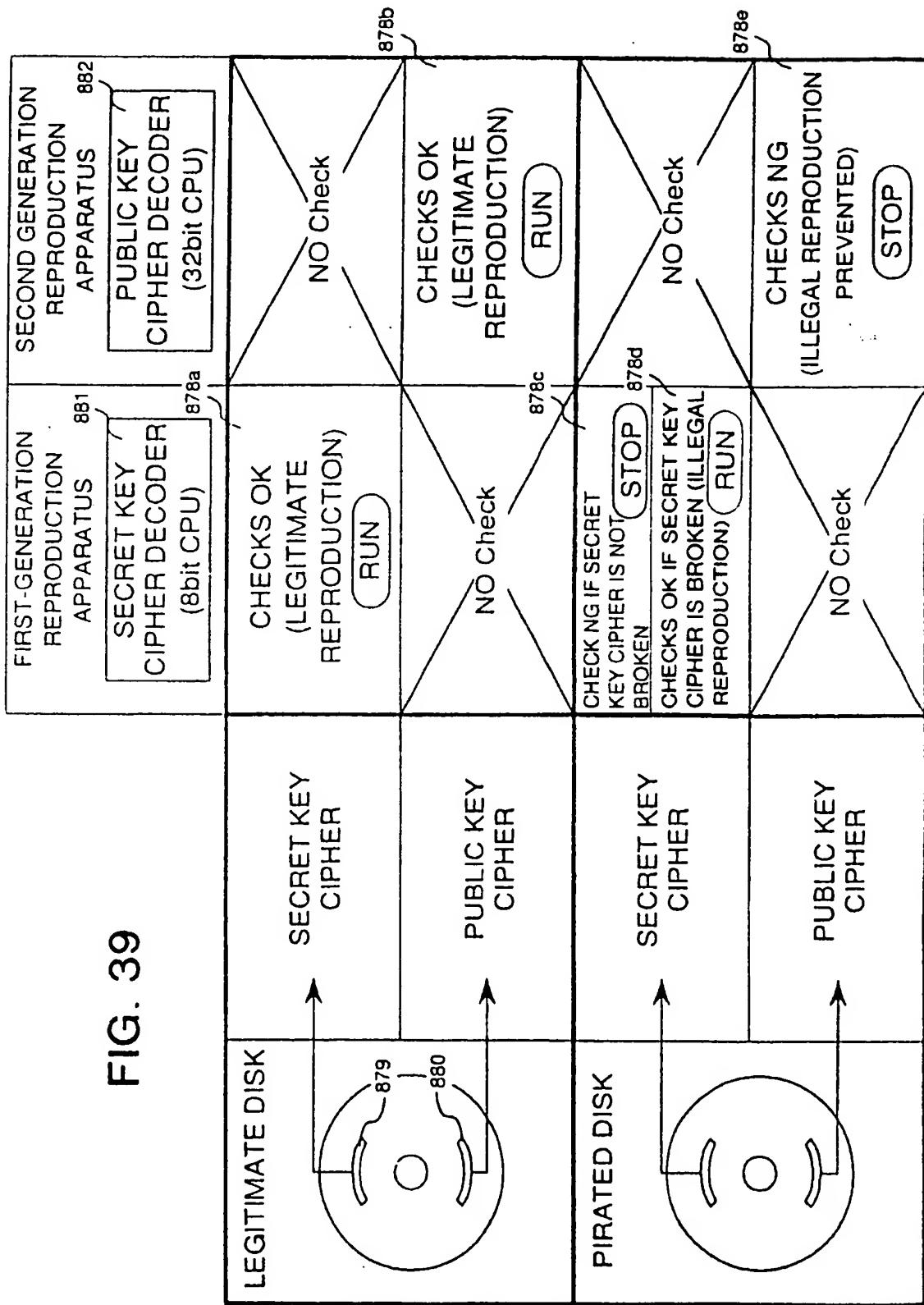


FIG. 38

FIG. 39



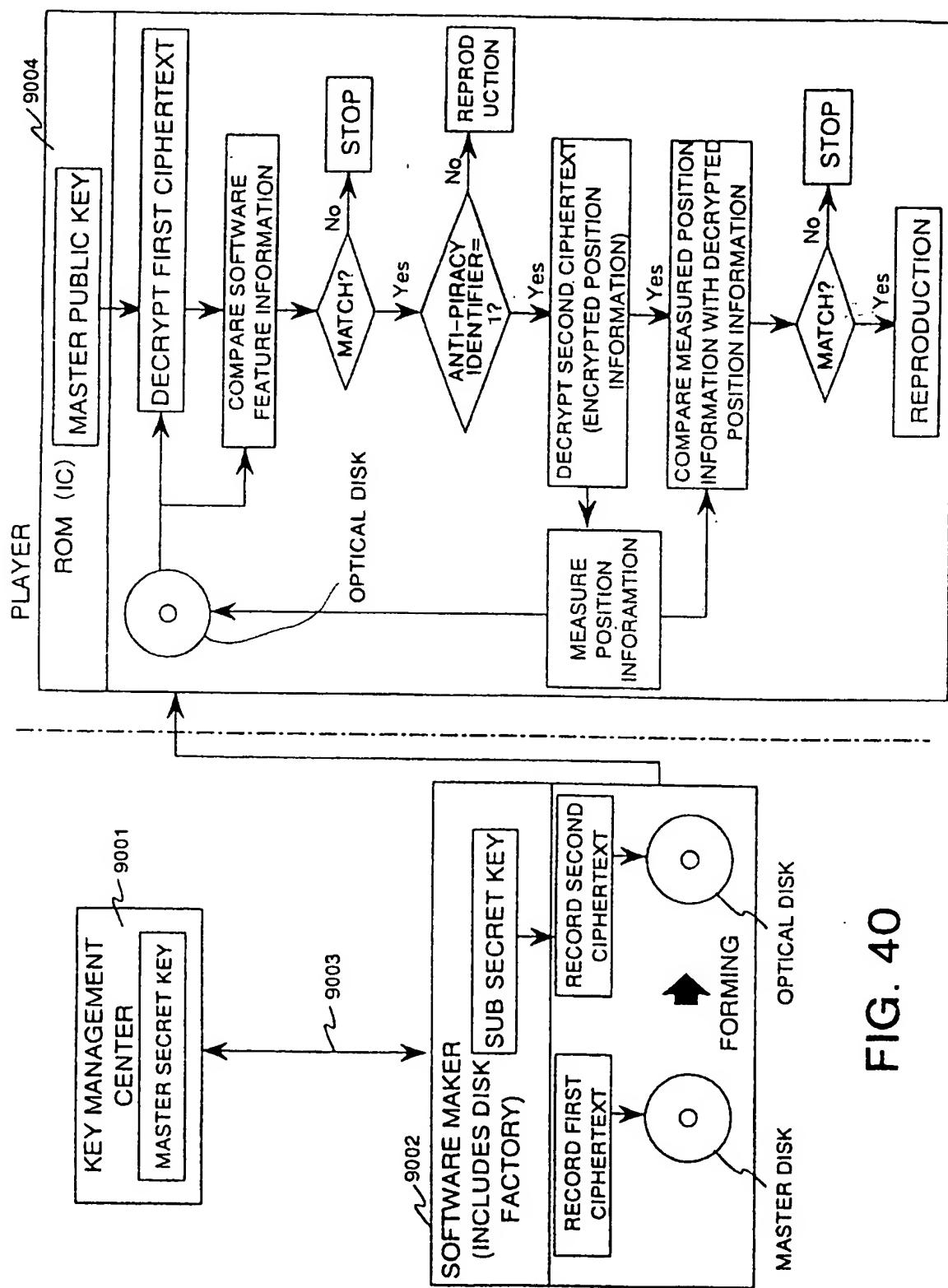


FIG. 40

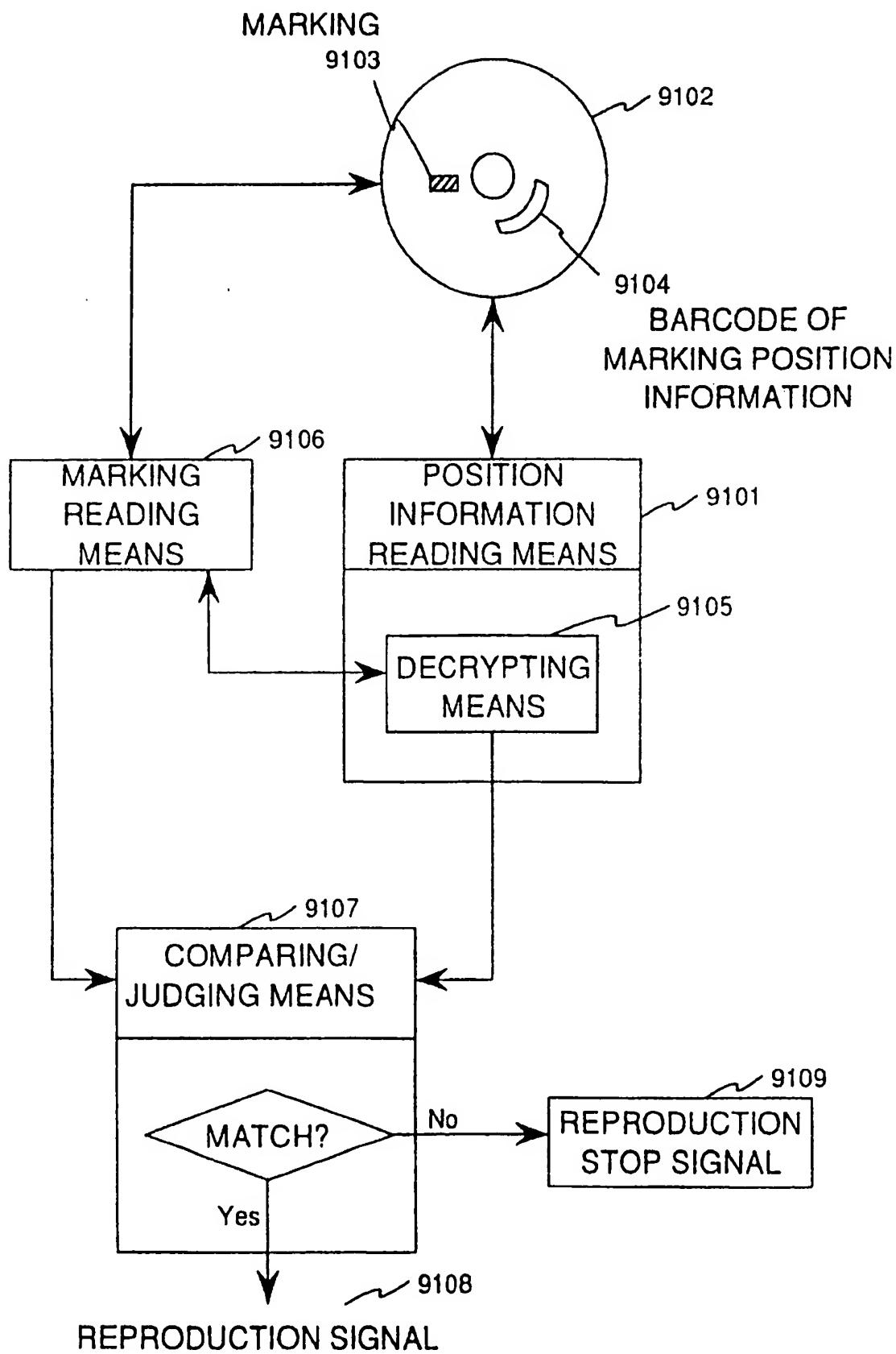


FIG. 41

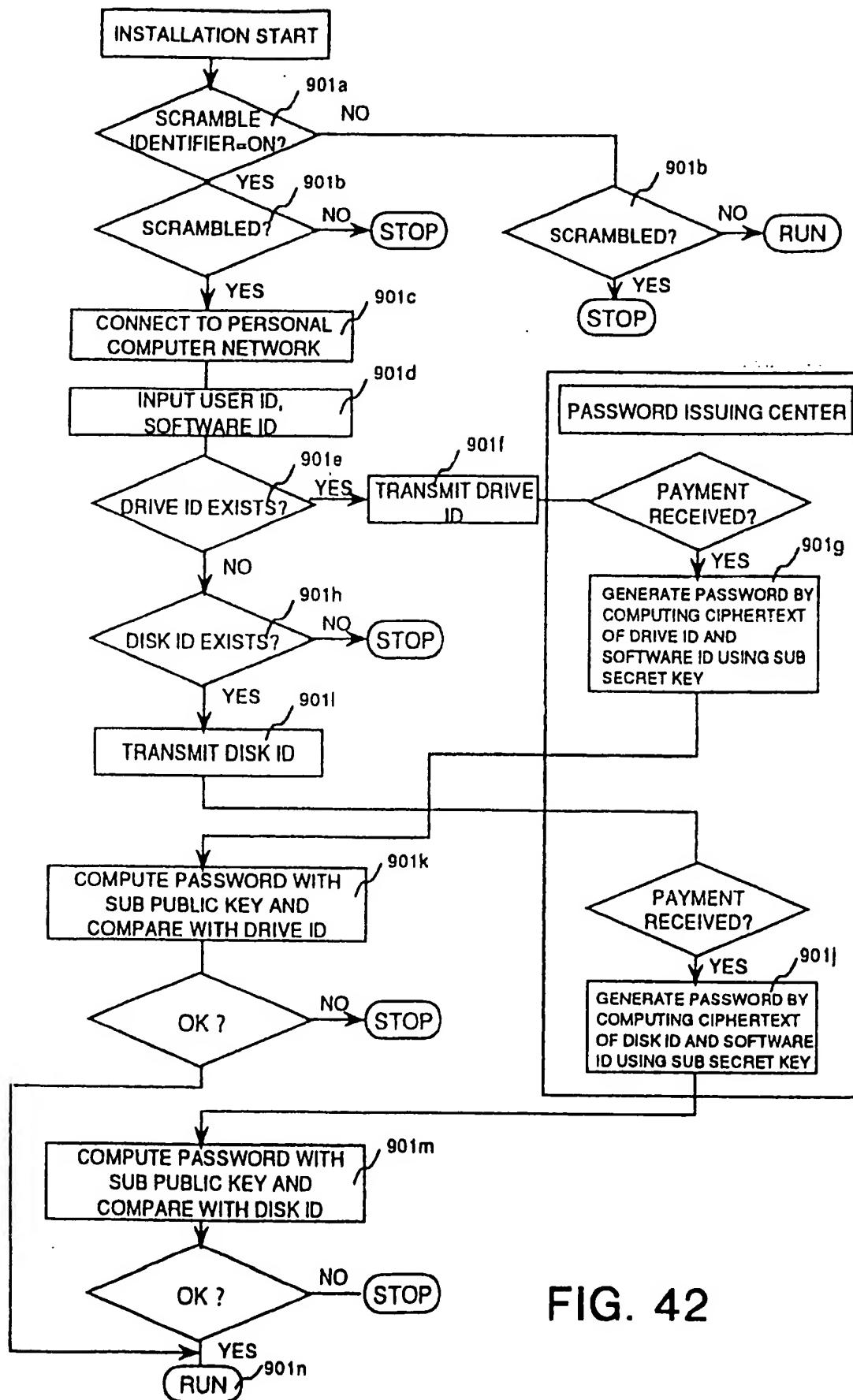


FIG. 42